

FIGURE 1

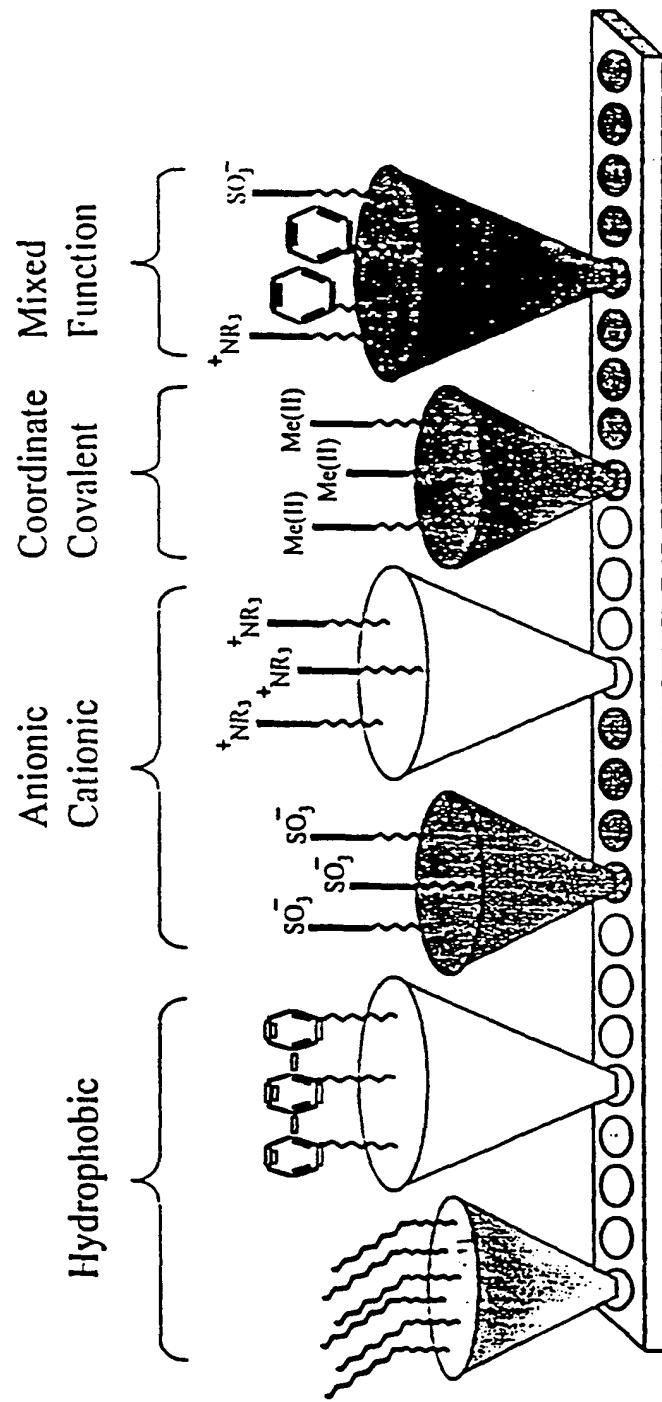


Figure 2

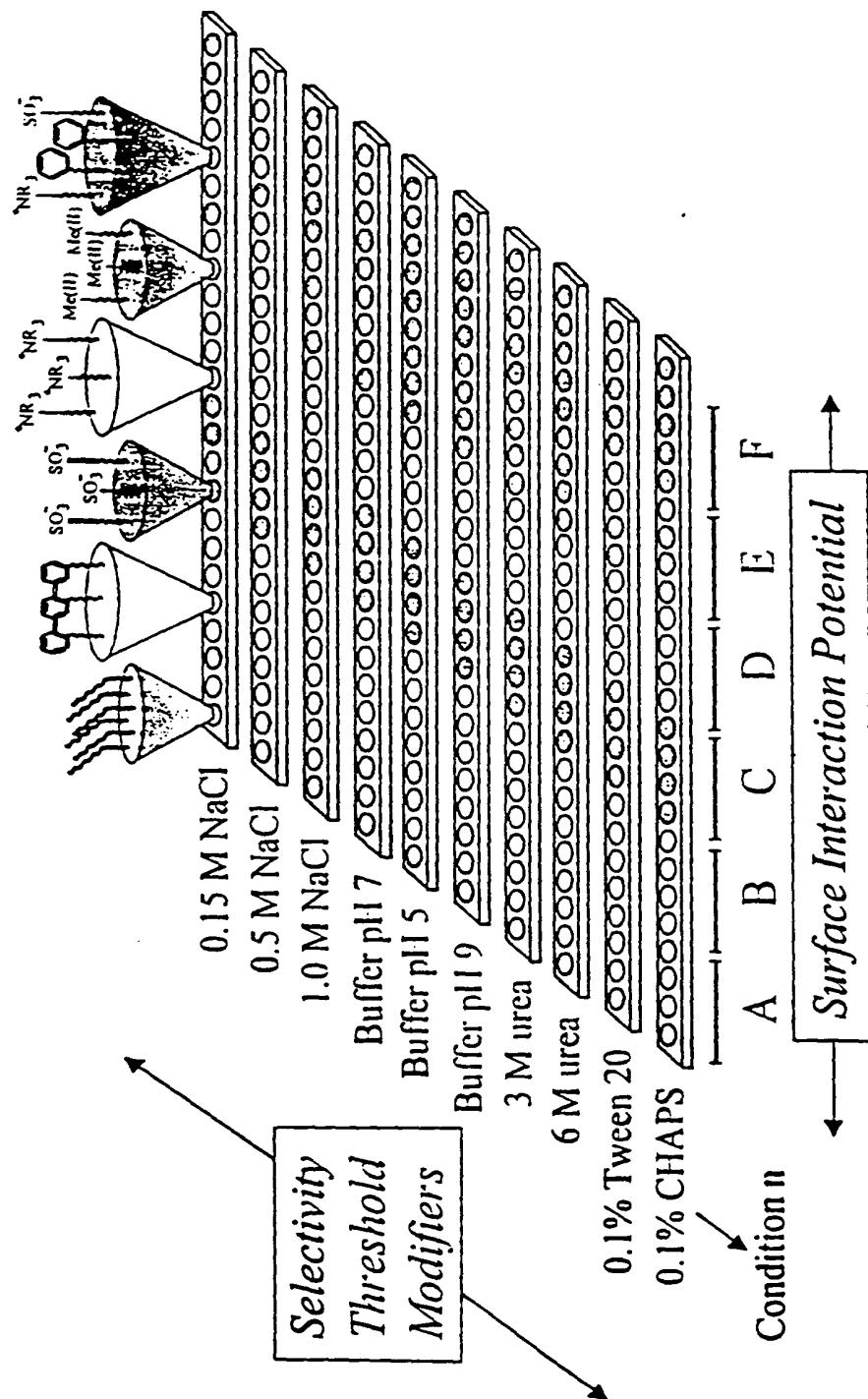


Figure 3

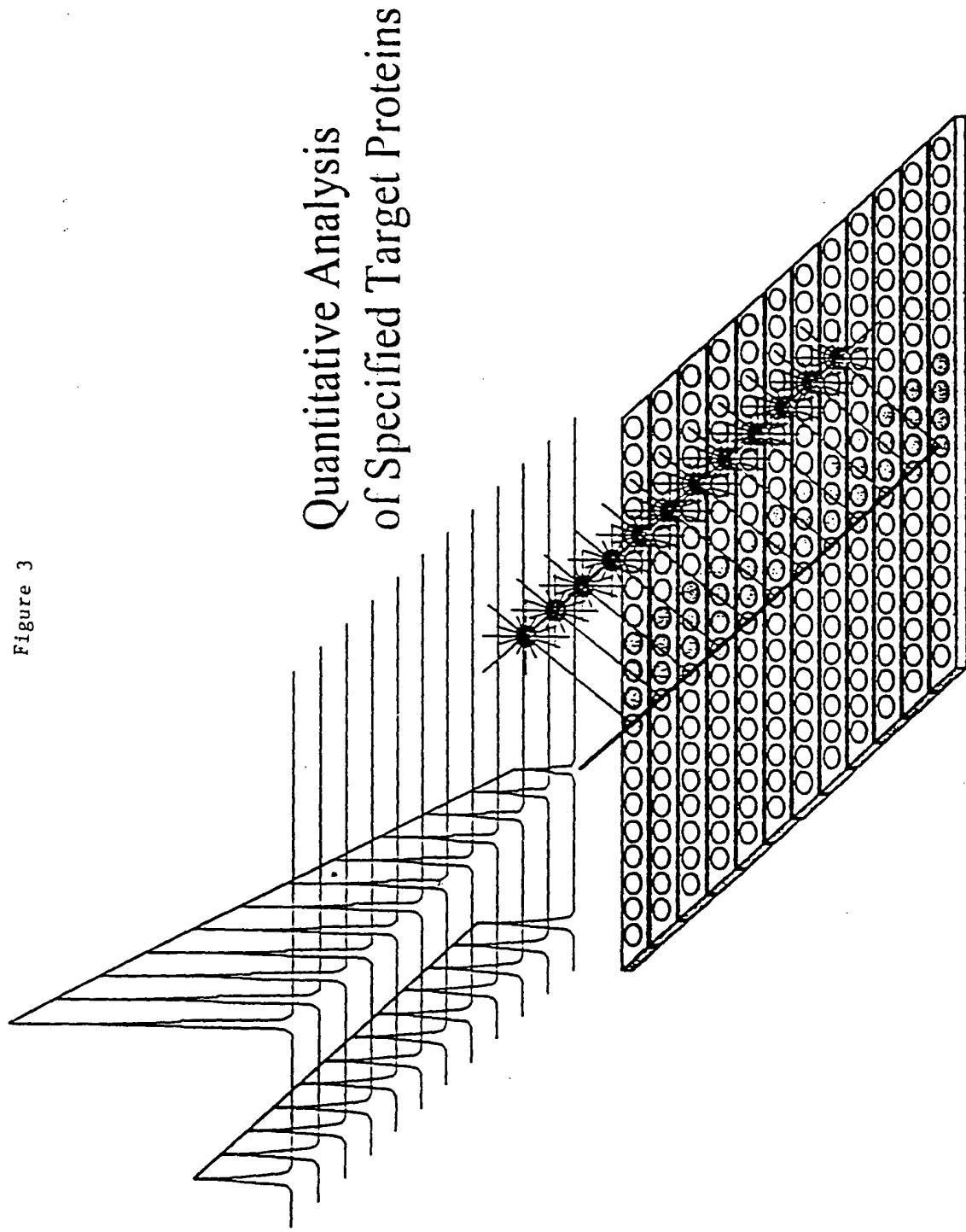


Figure 4A

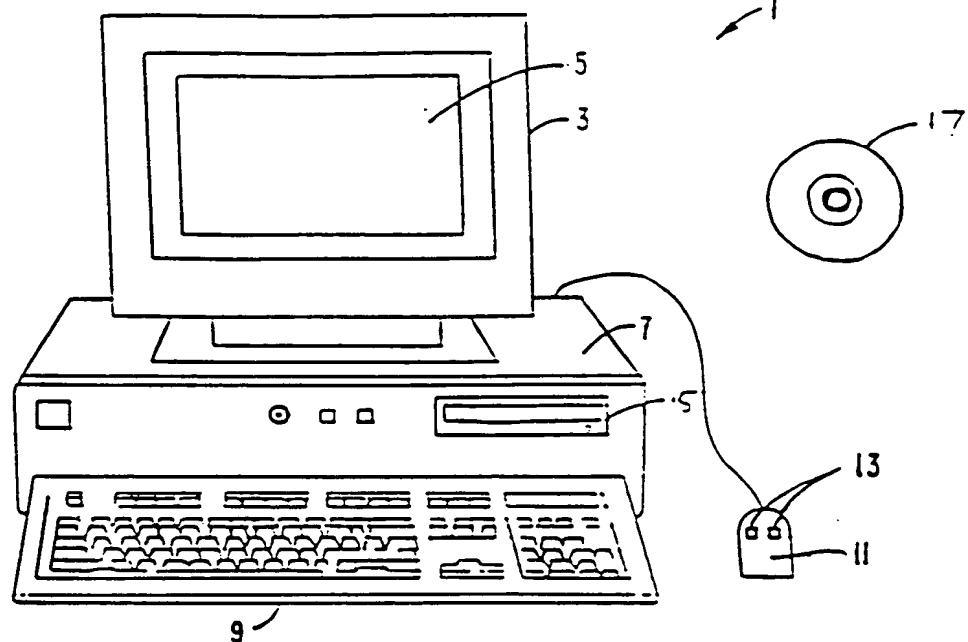


Figure 4B

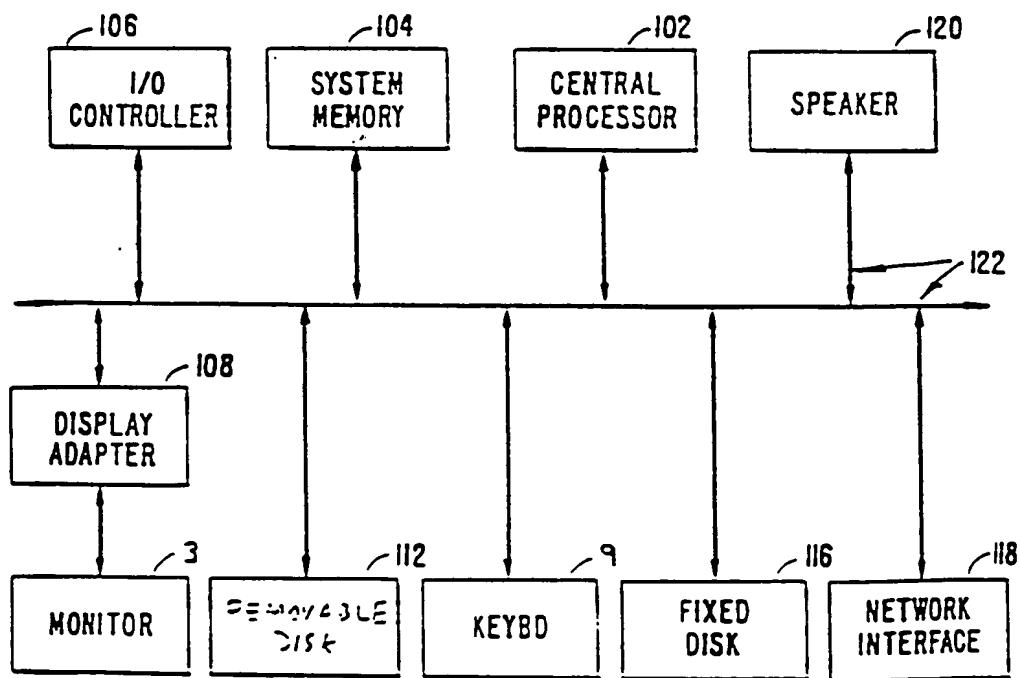


Figure 5A

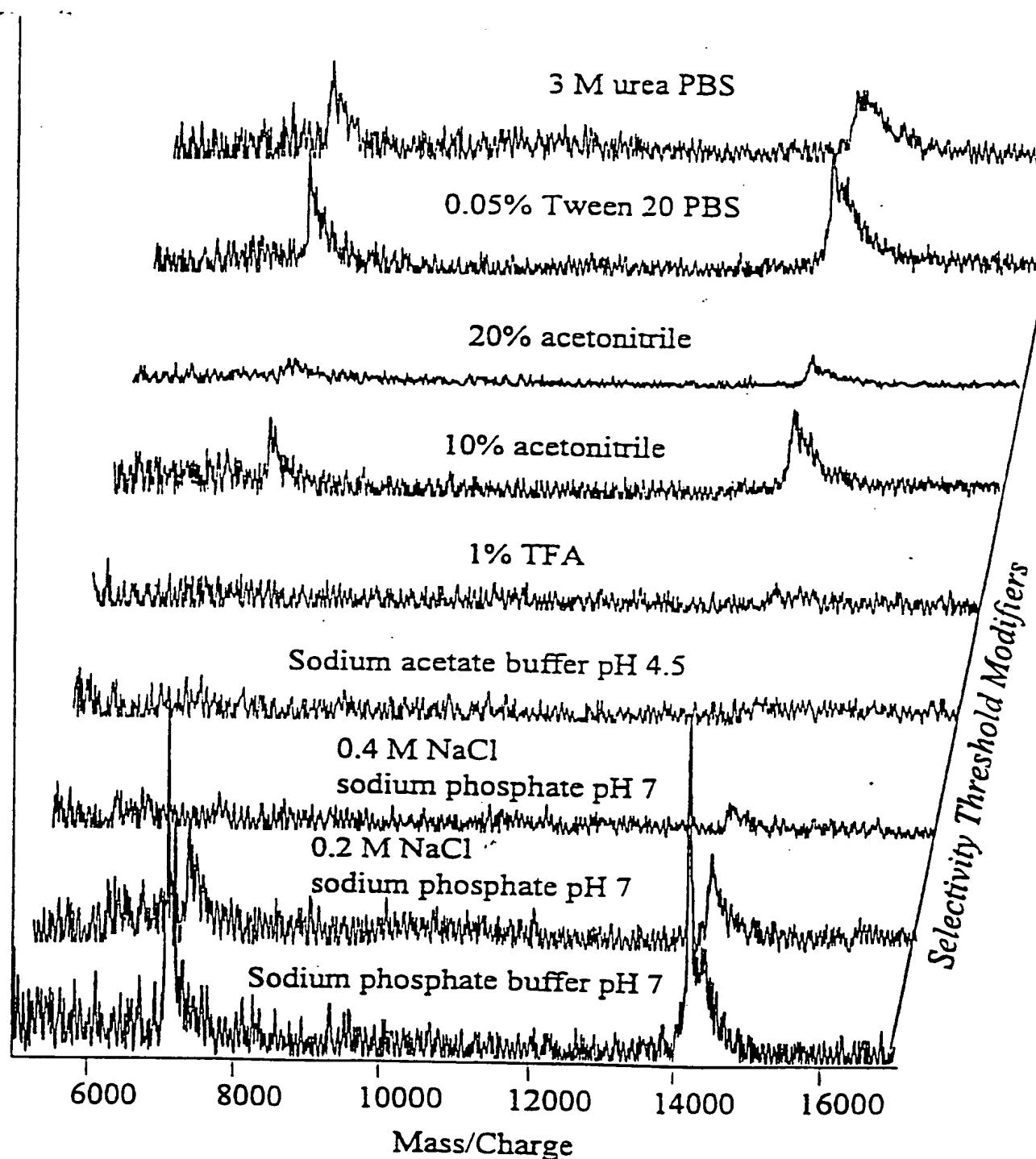


Figure 5B

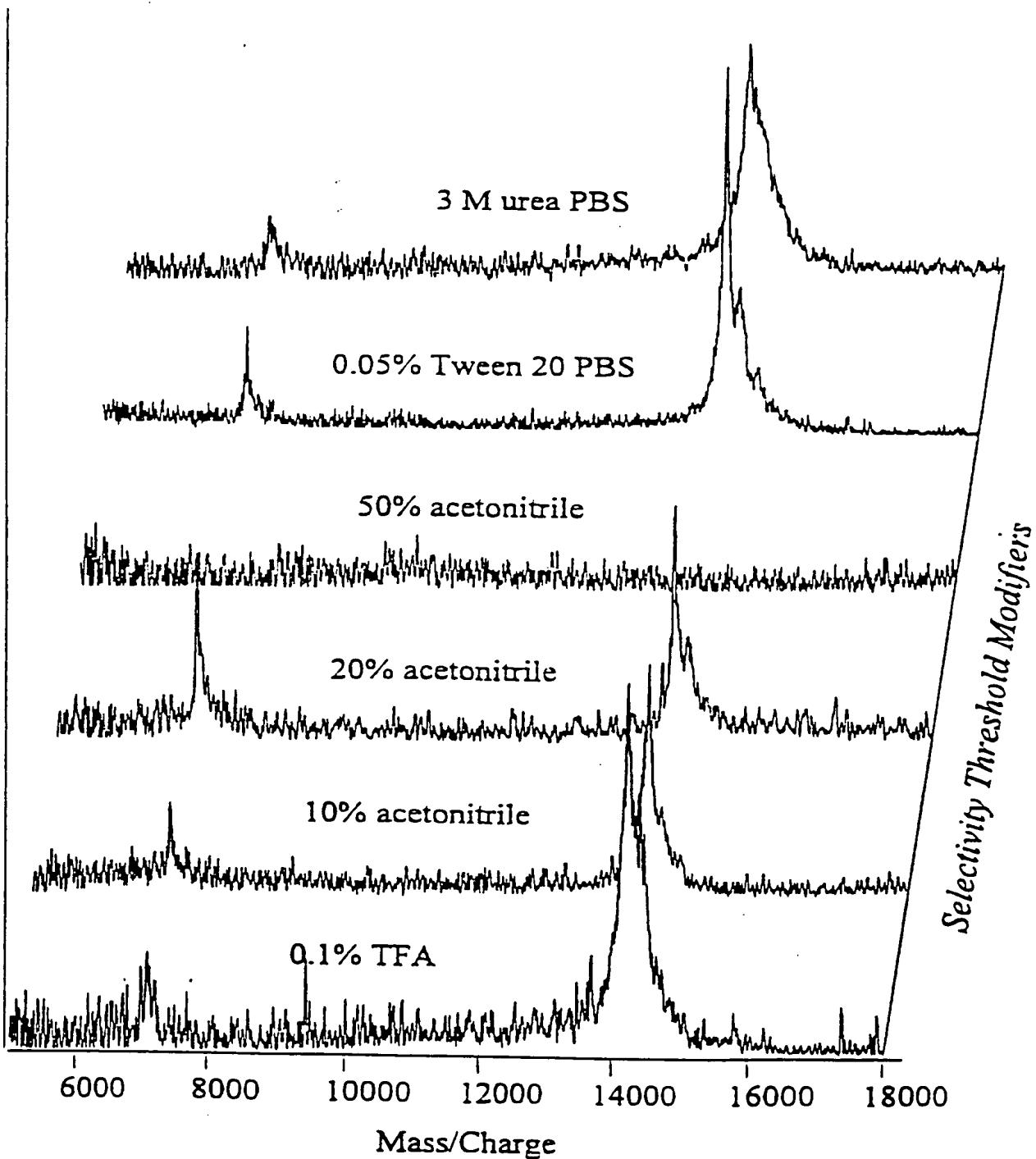


Figure 5C

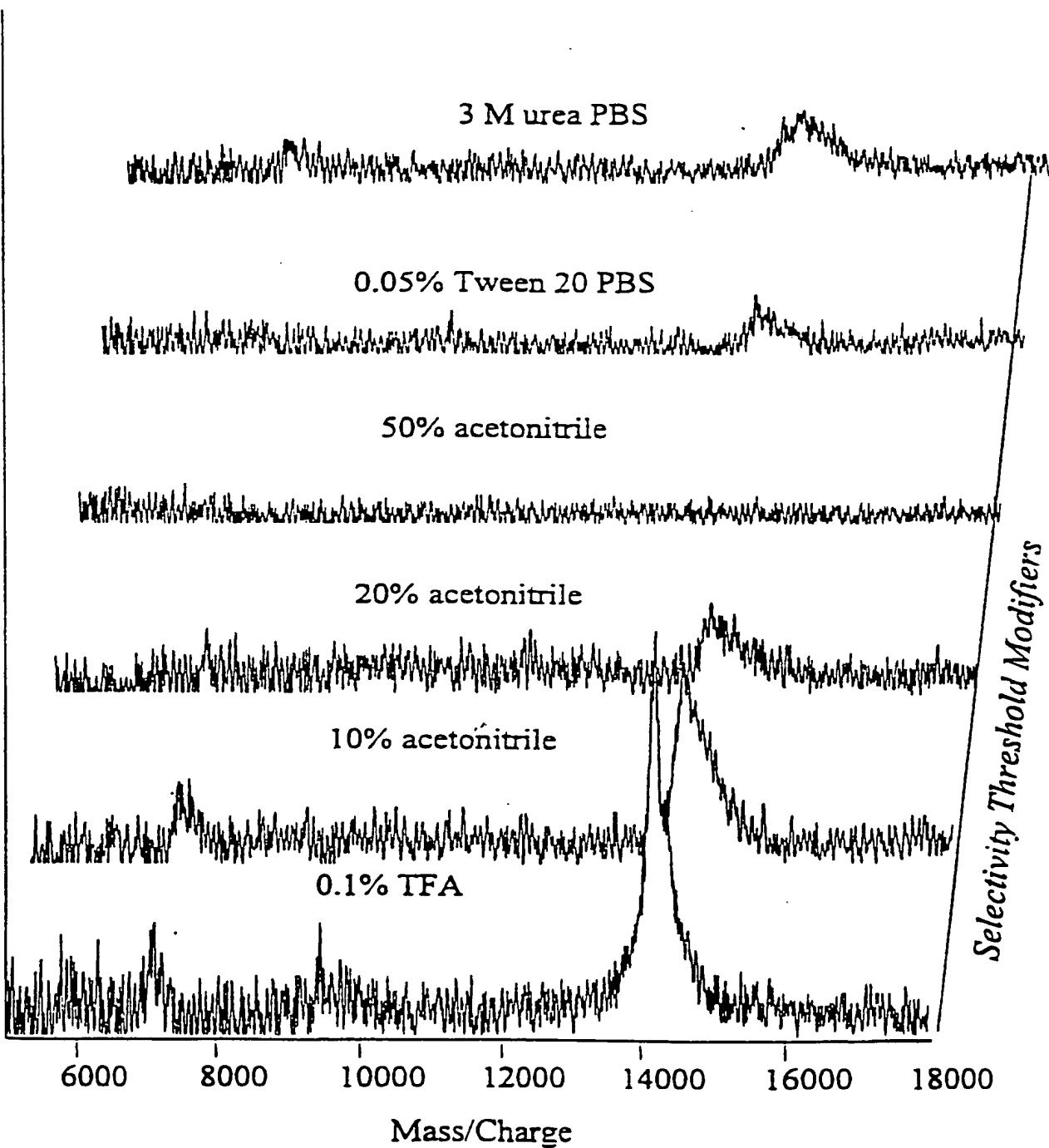


Figure 5D

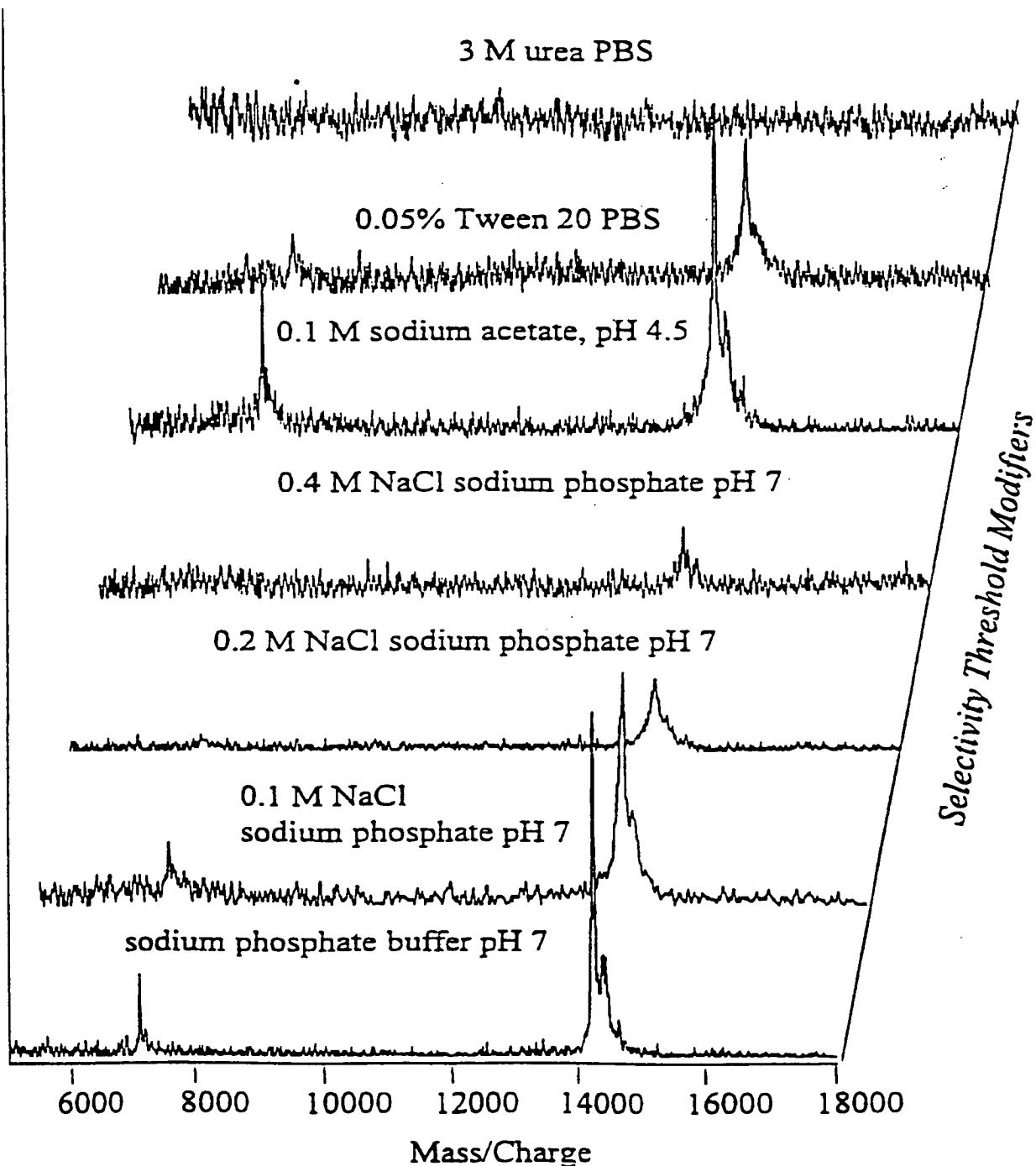


Figure 5E

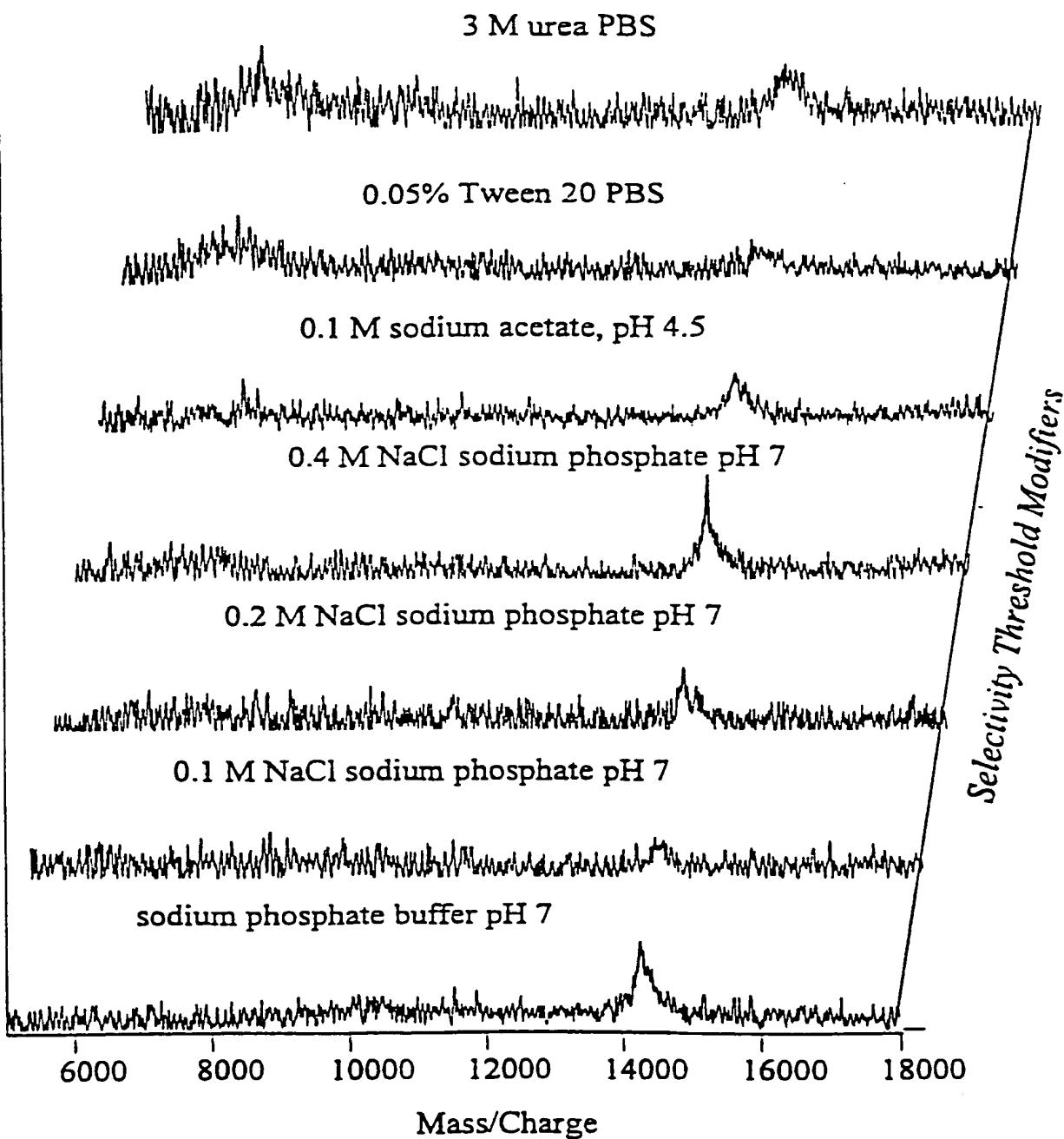


Figure 5F

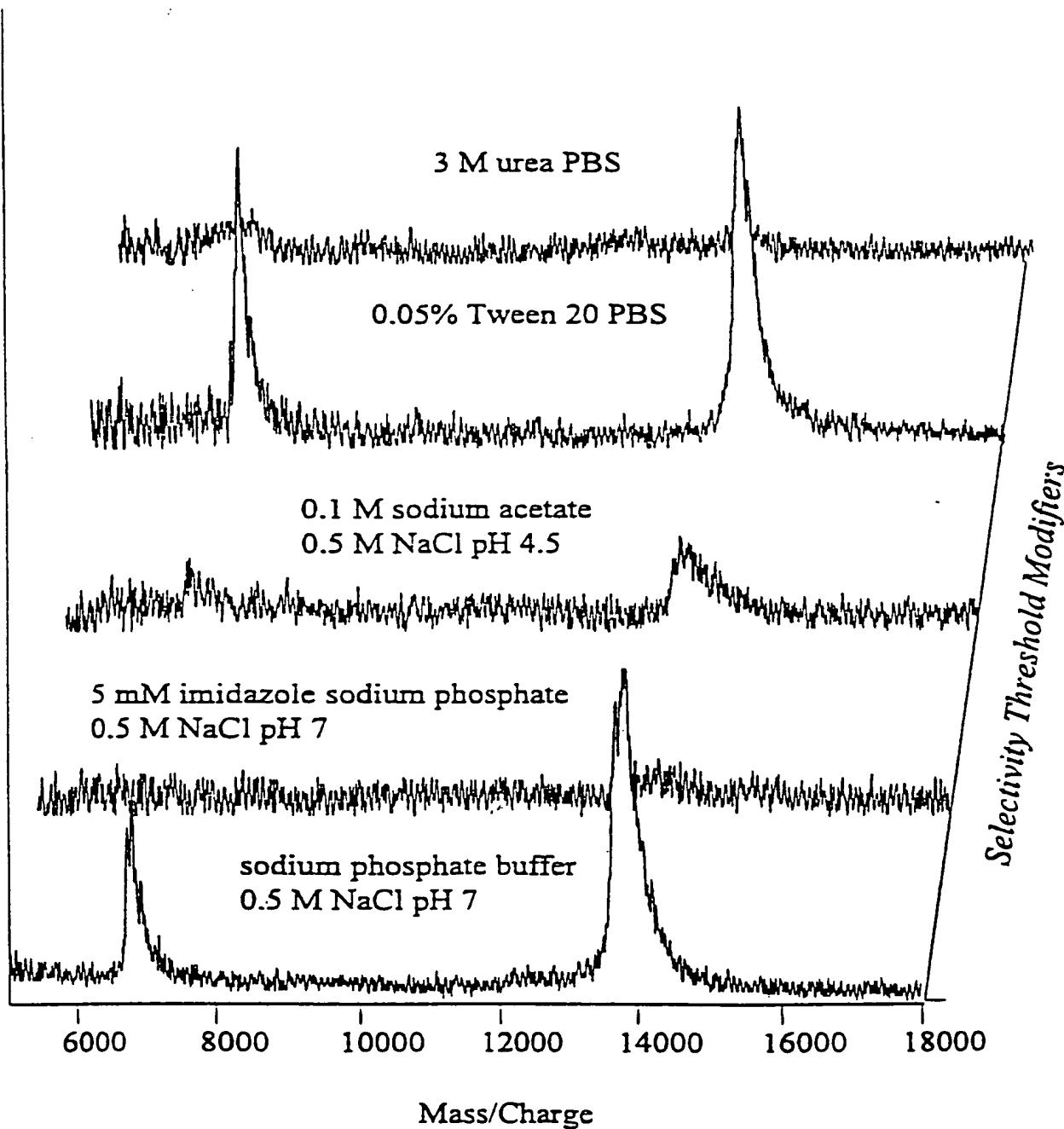


Figure 6A

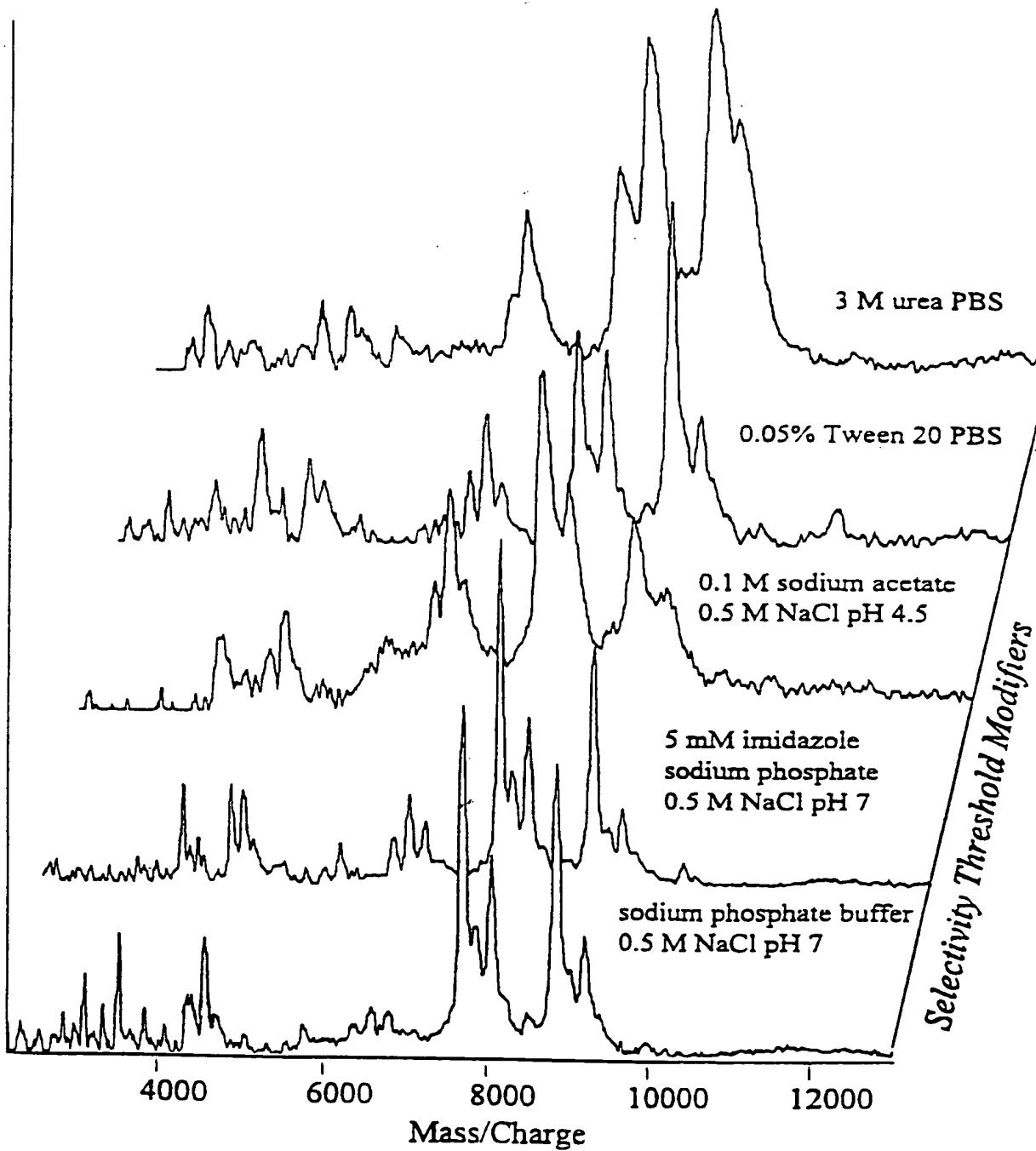


Figure 6B

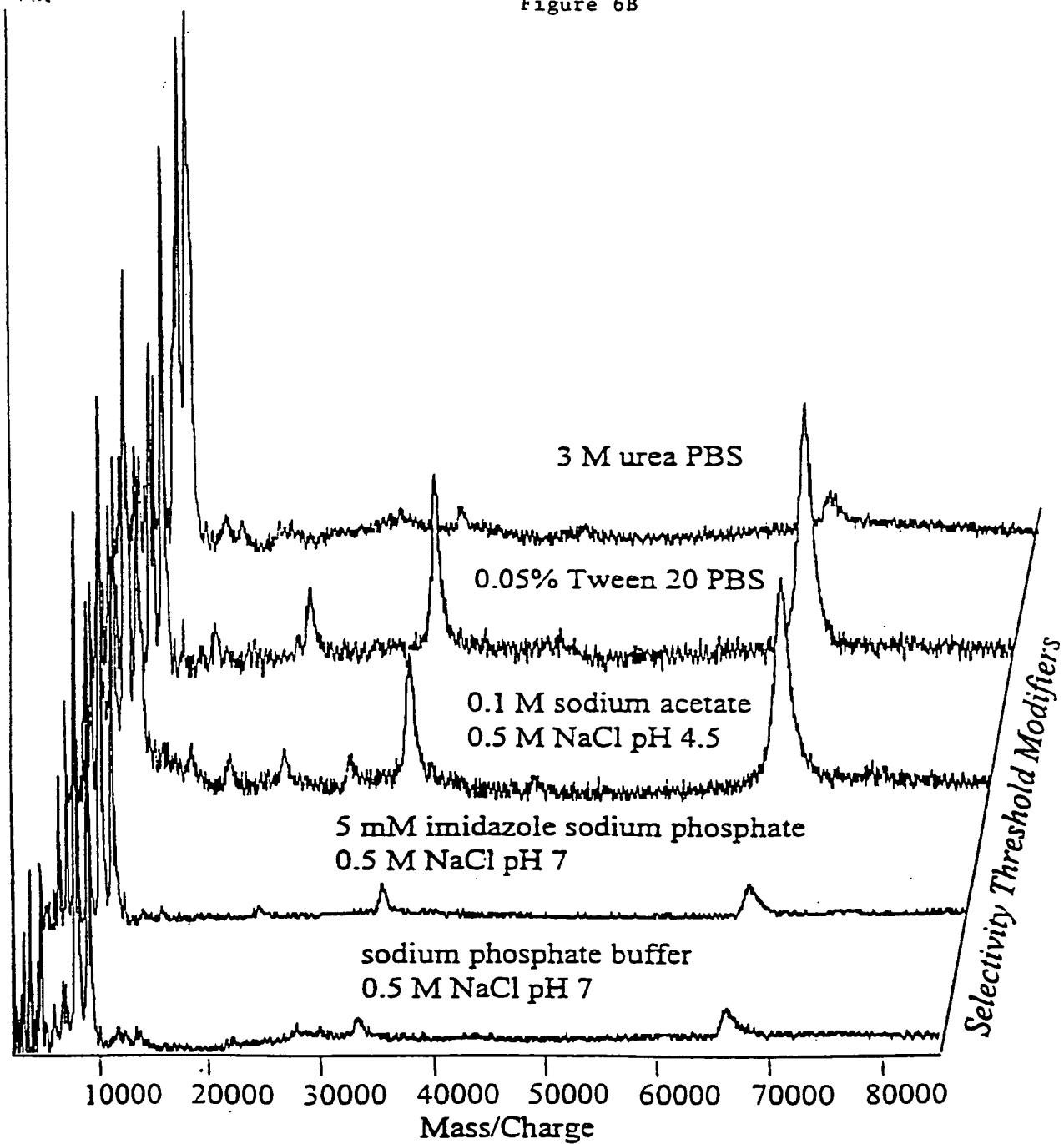


Figure 7A

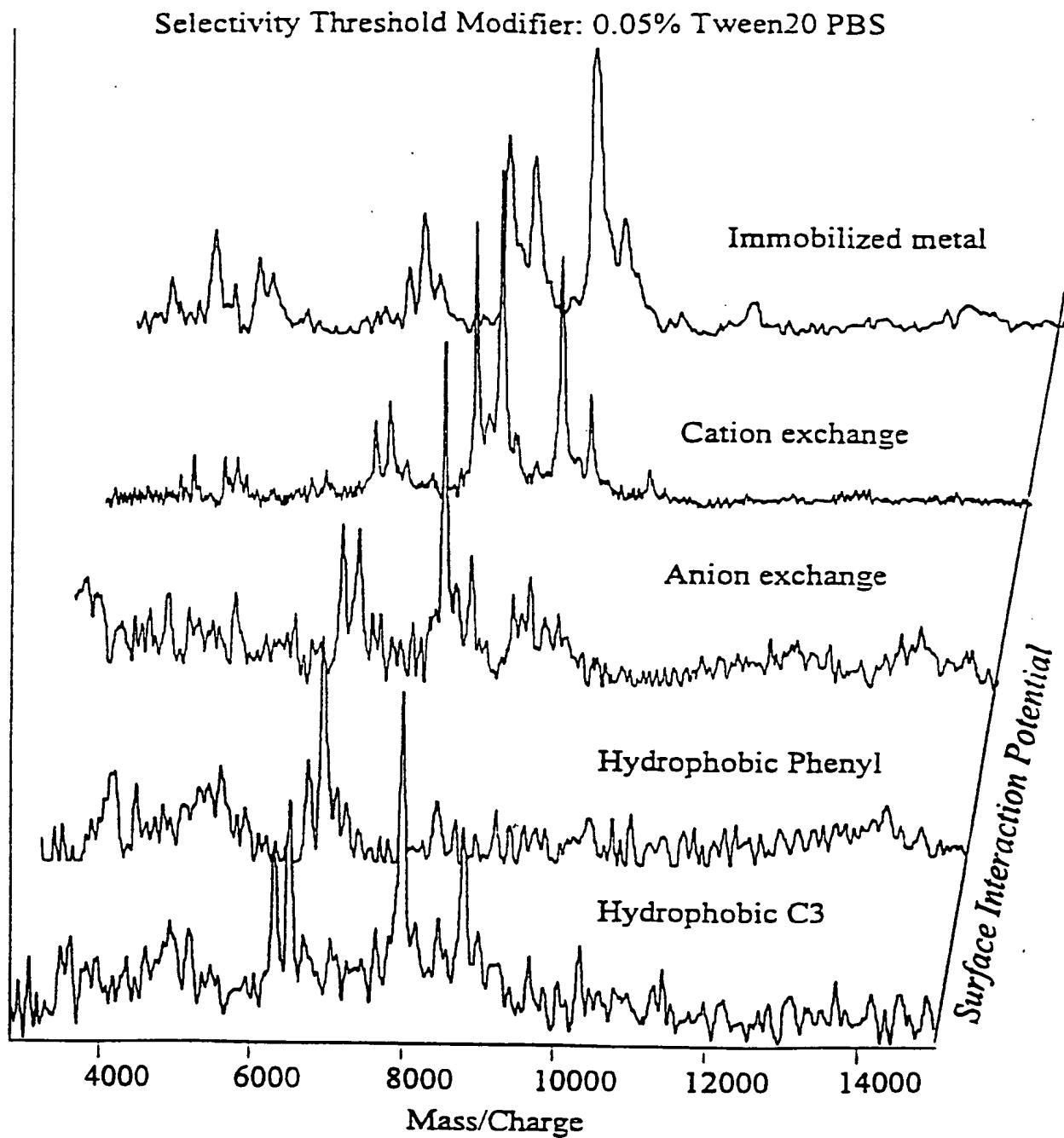


Figure 7B

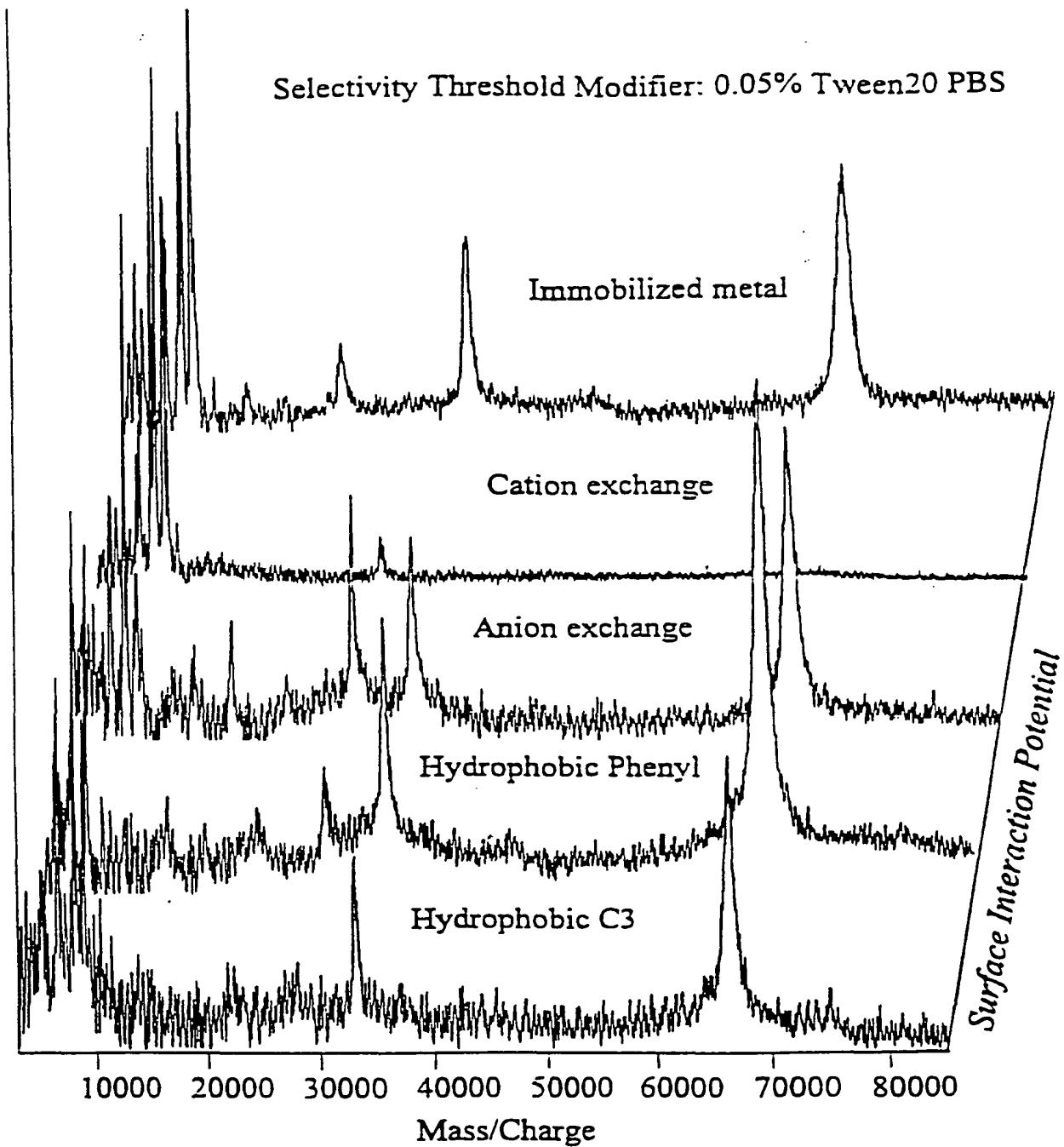


Figure 8A

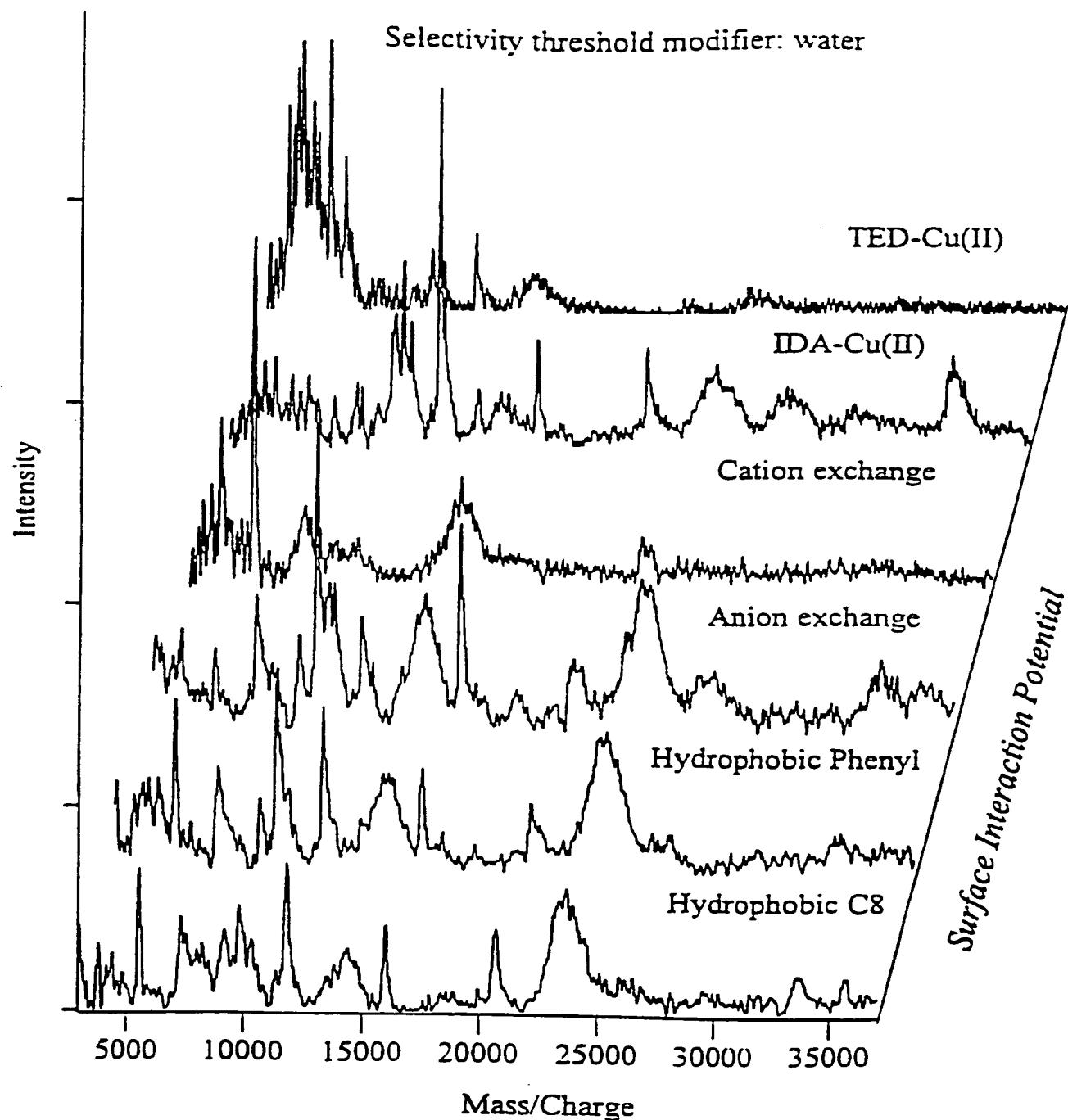


Figure 8B

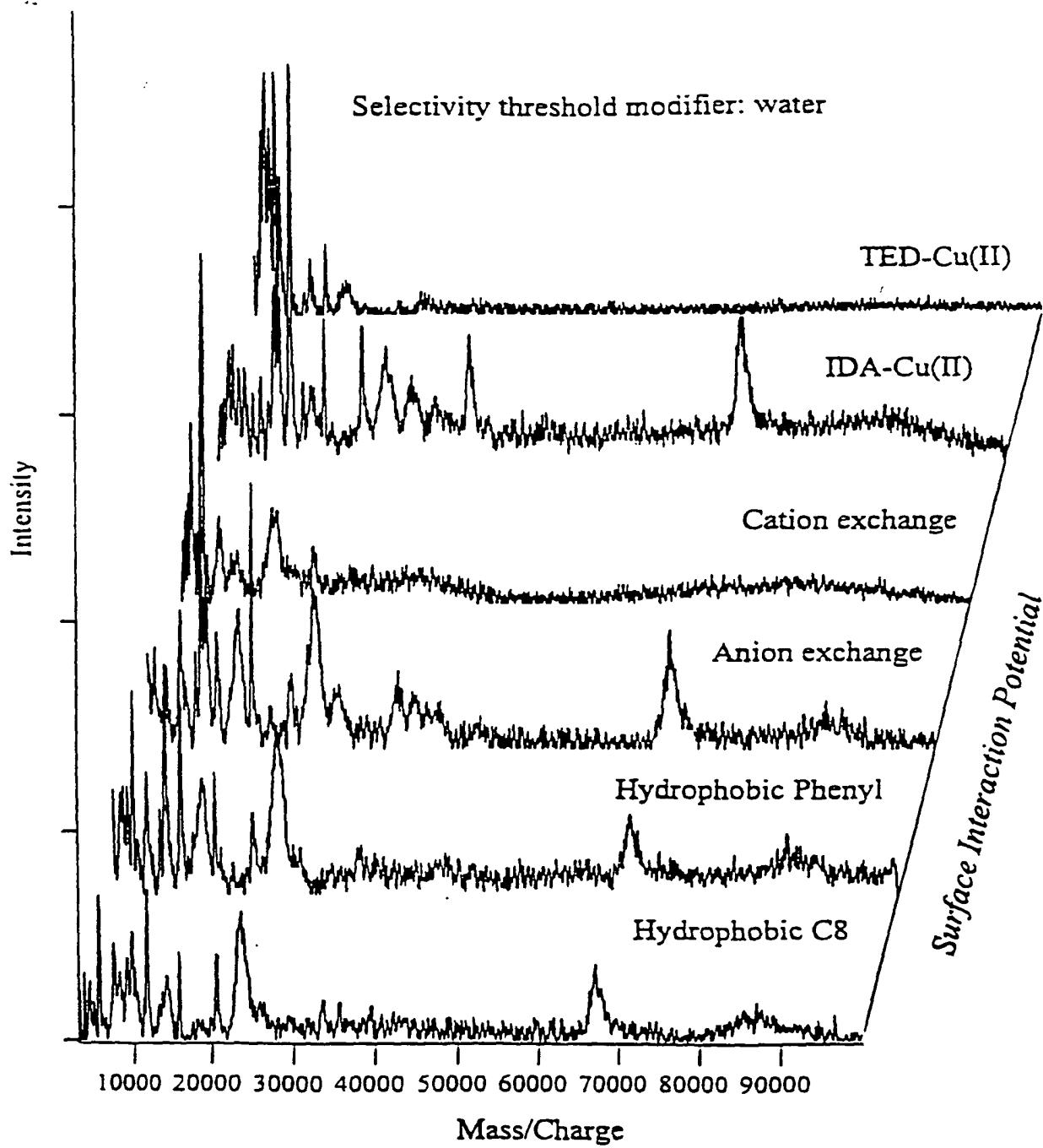


Fig. 9

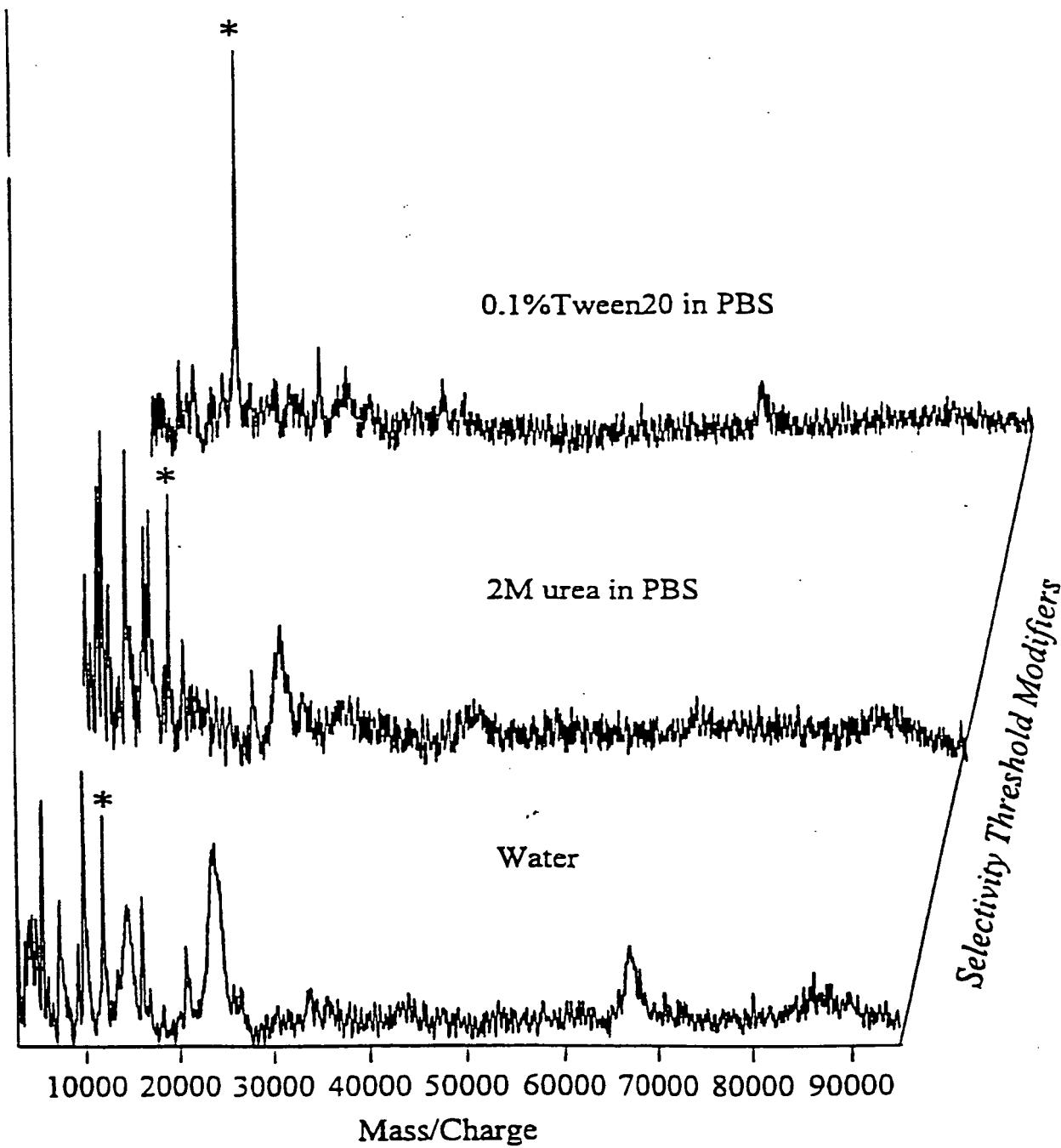
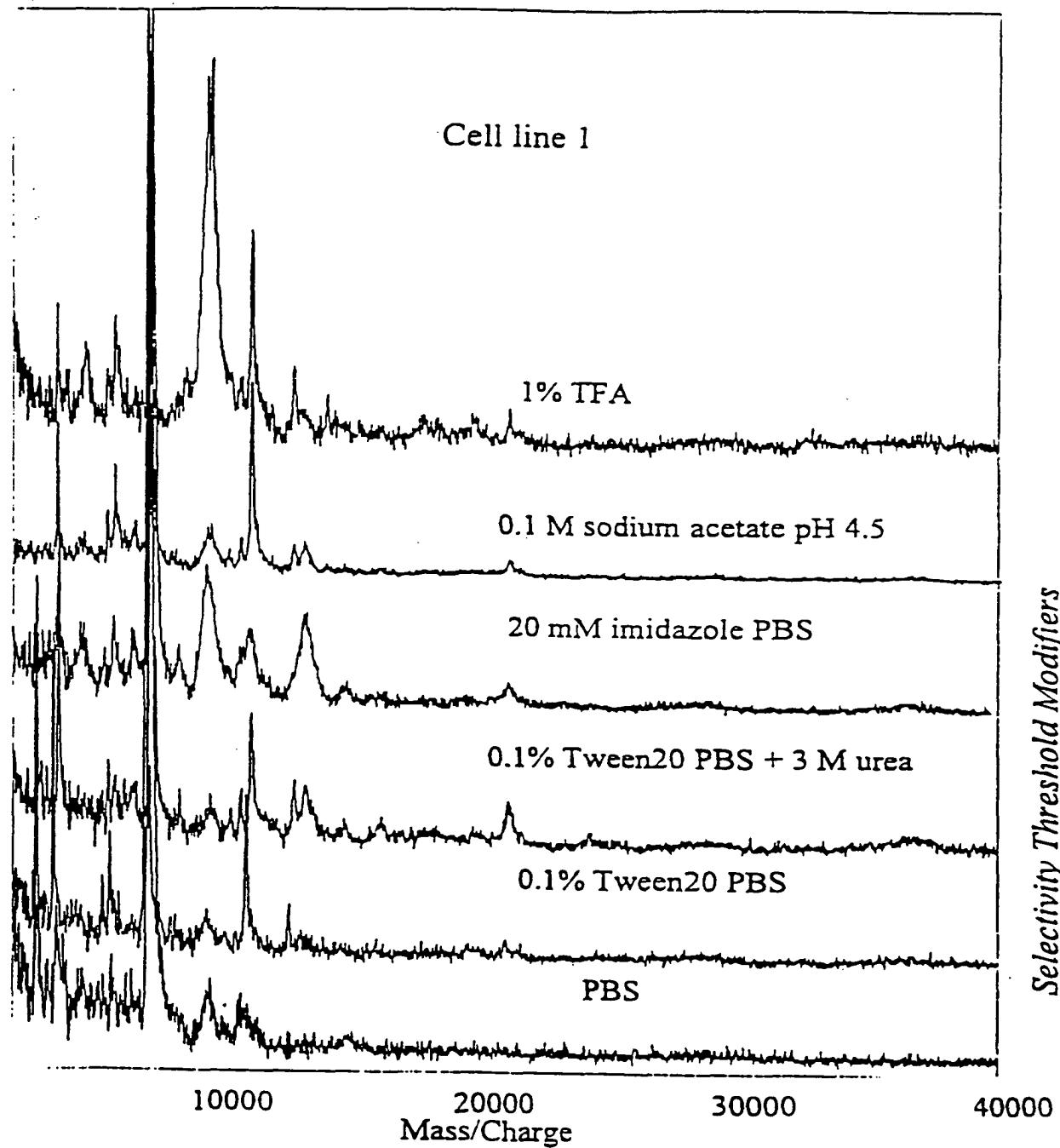


Figure 10A



Selectivity Threshold Modifiers

Figure 10B

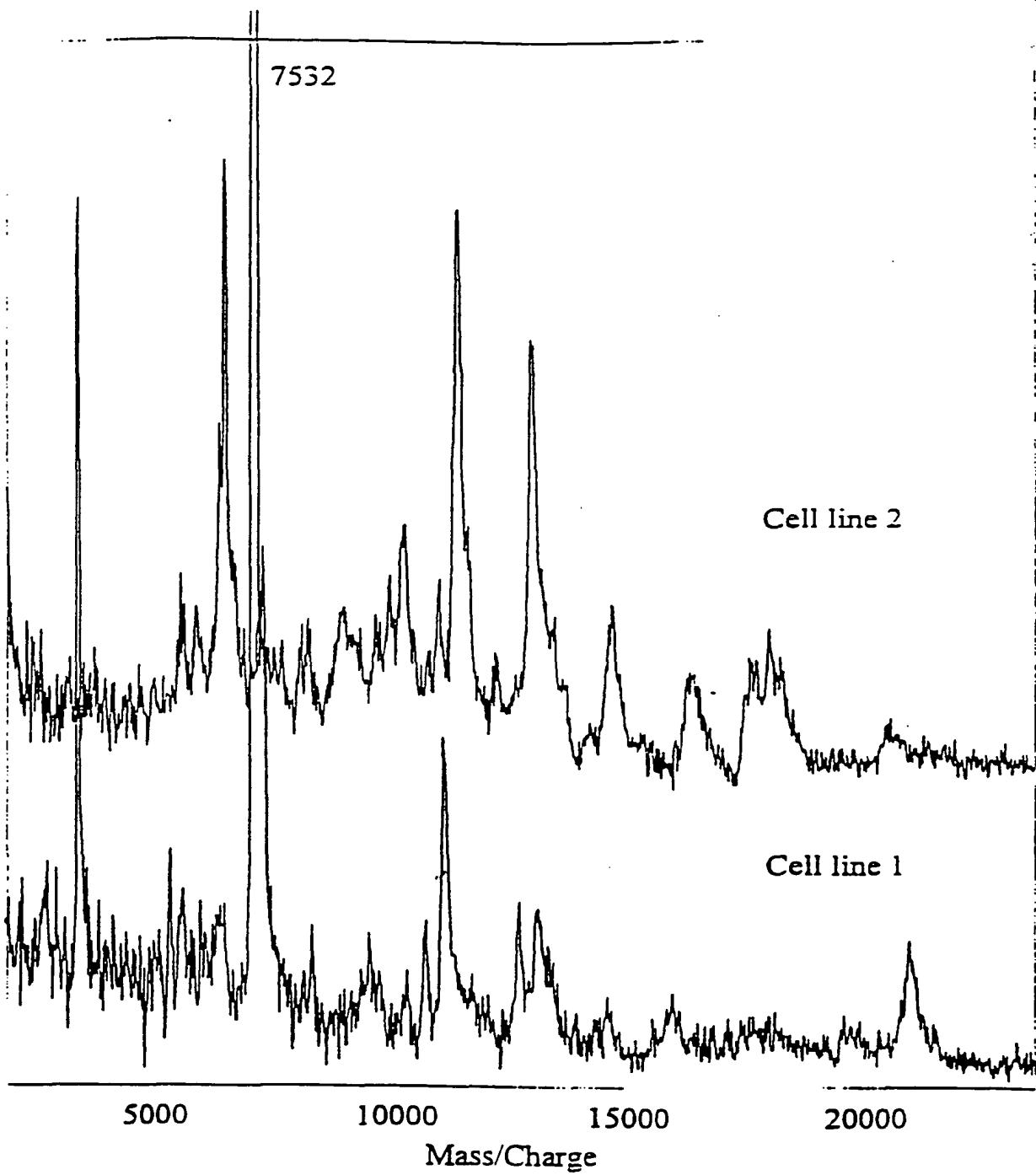


Figure 10C

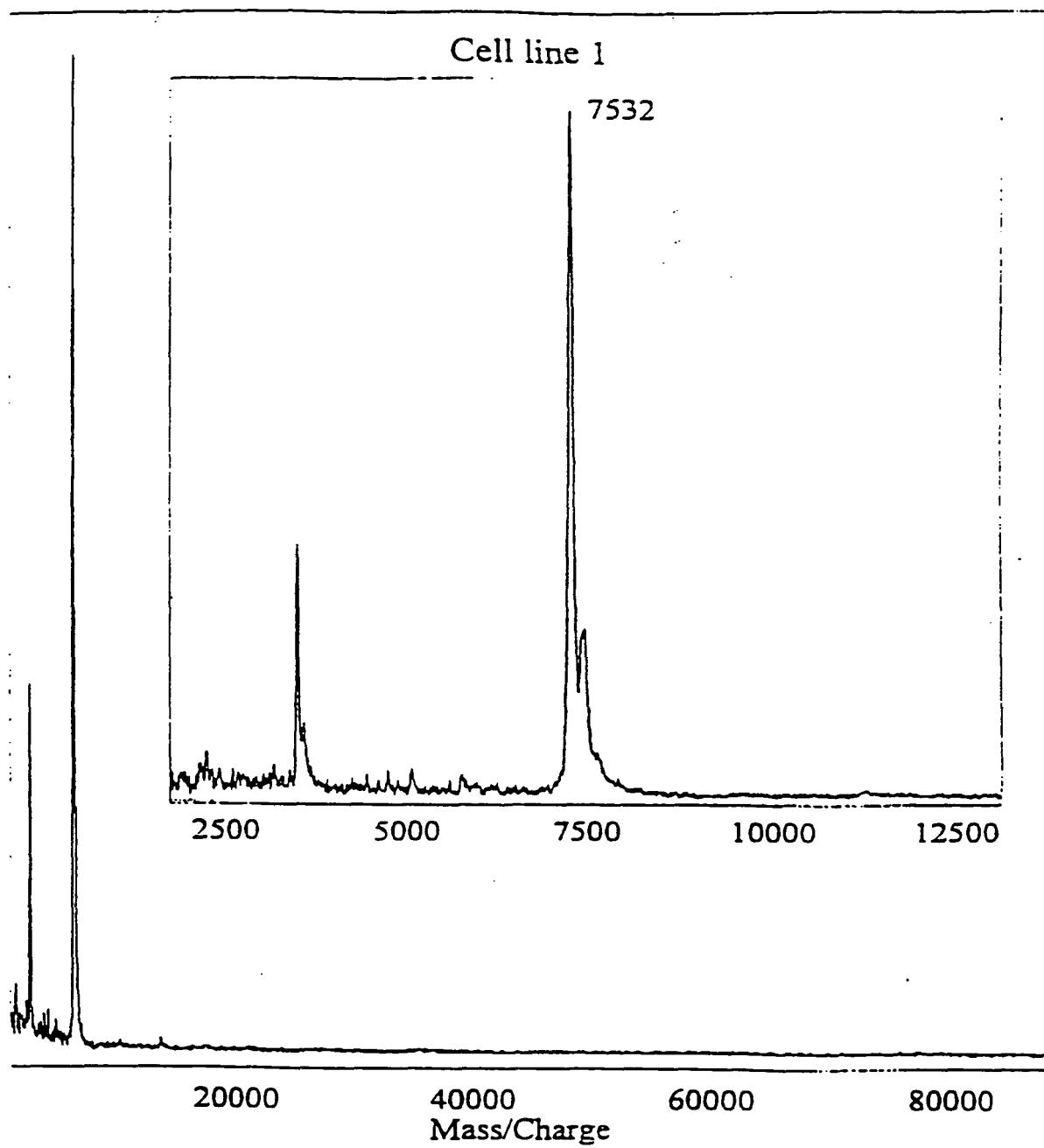


Figure 10D

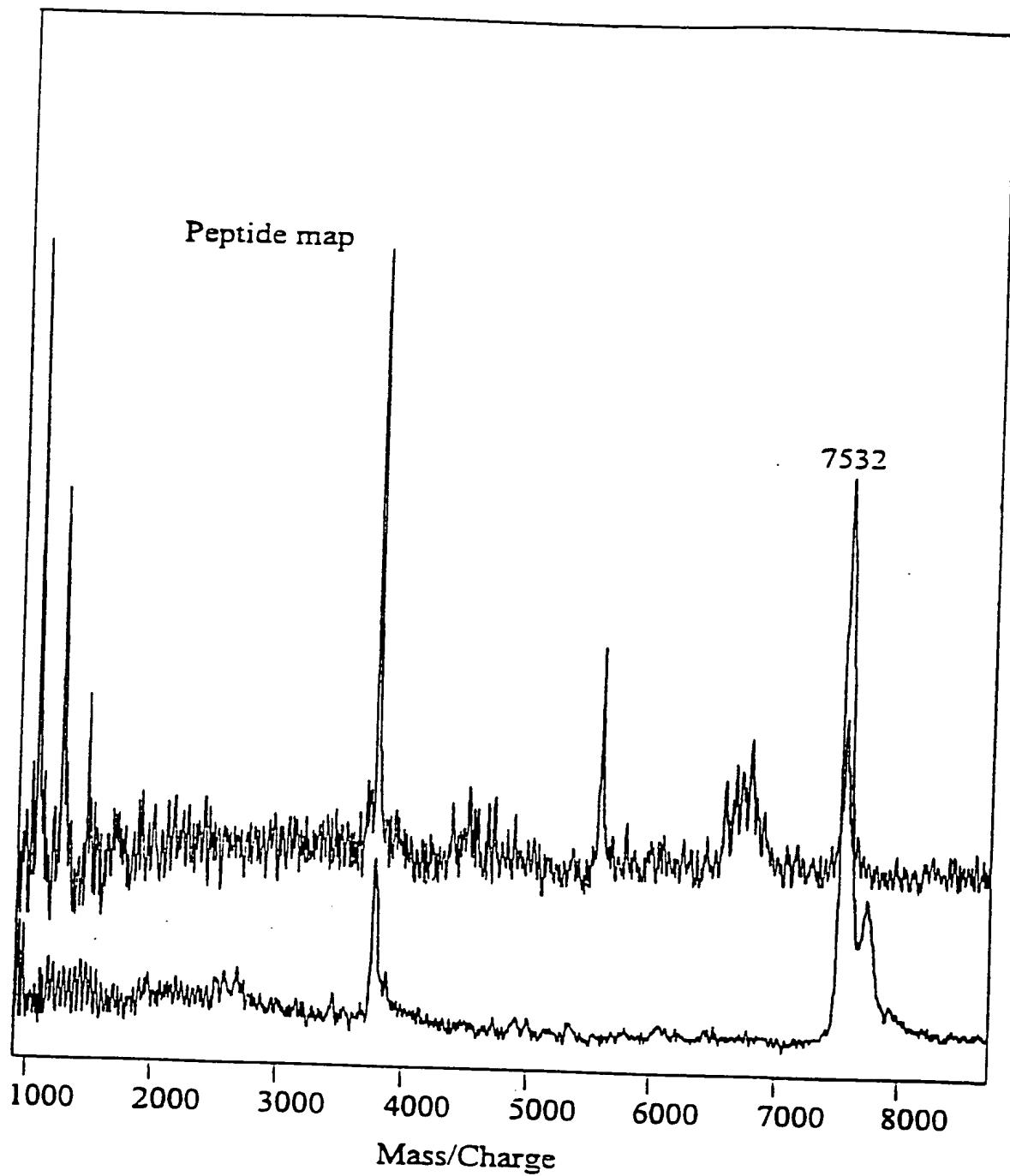


Figure 11

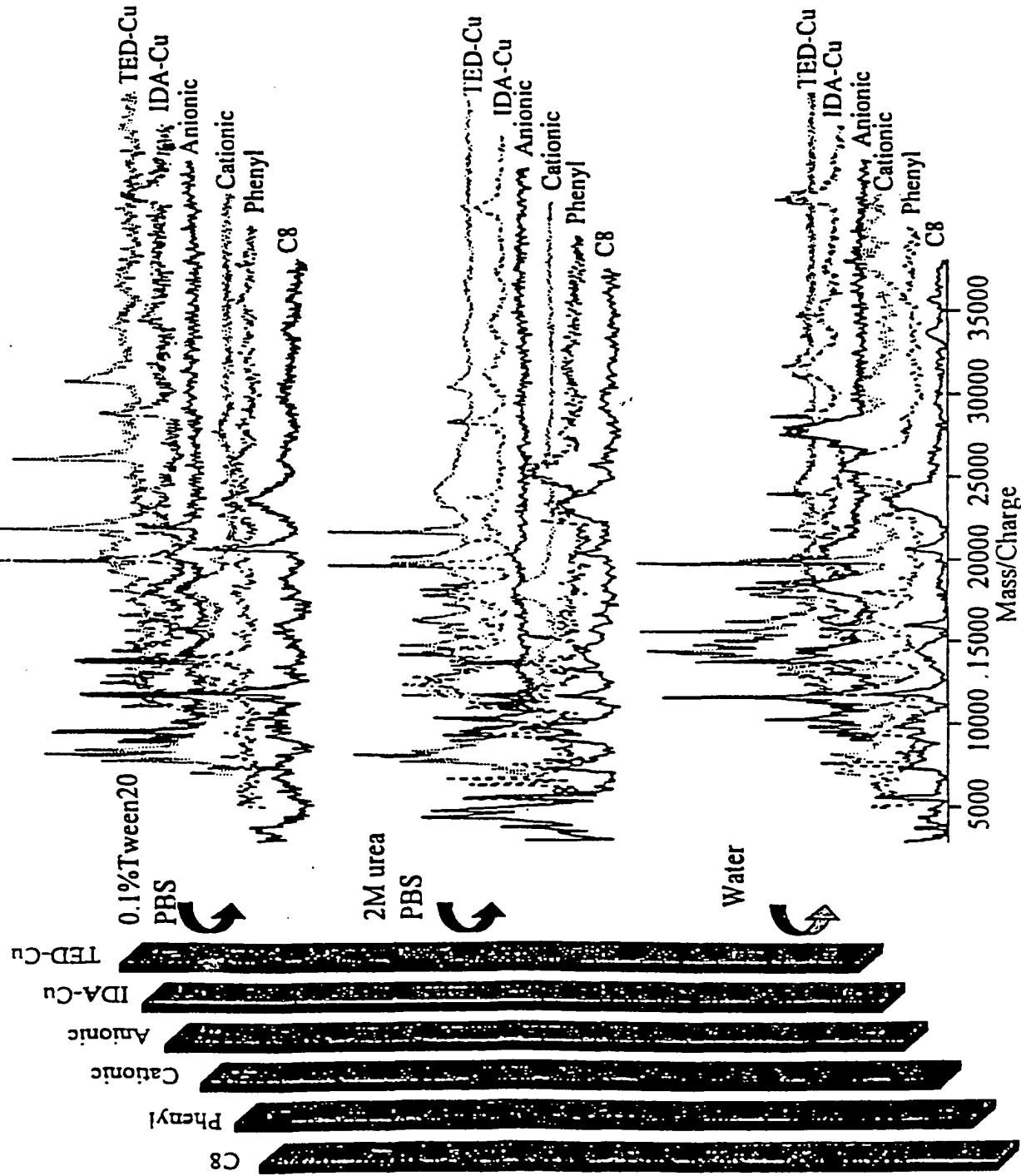
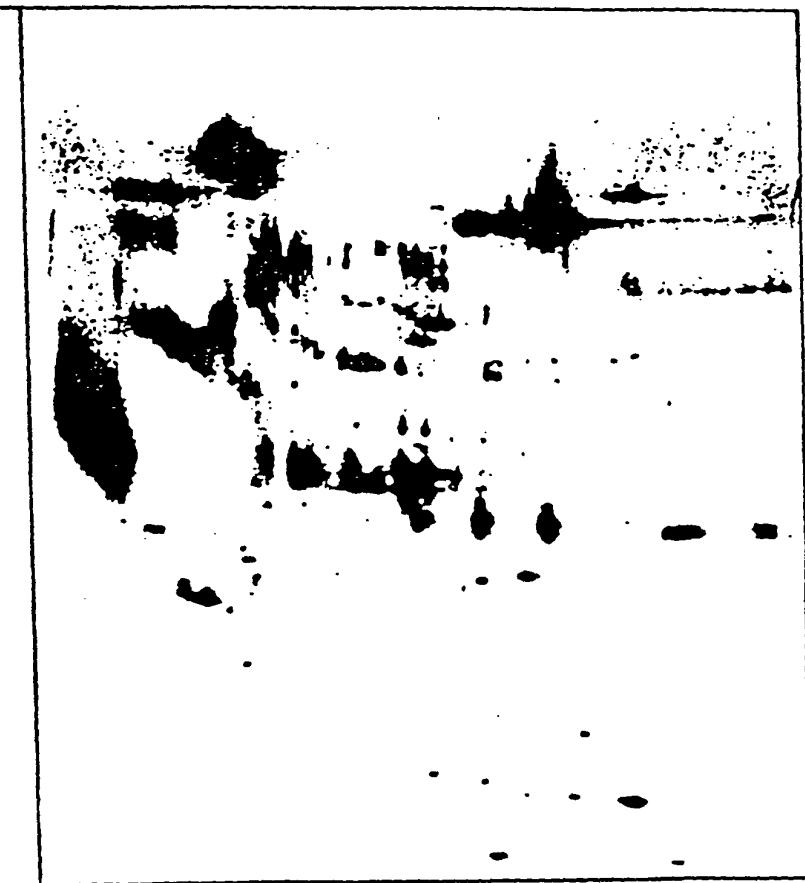


Figure 12

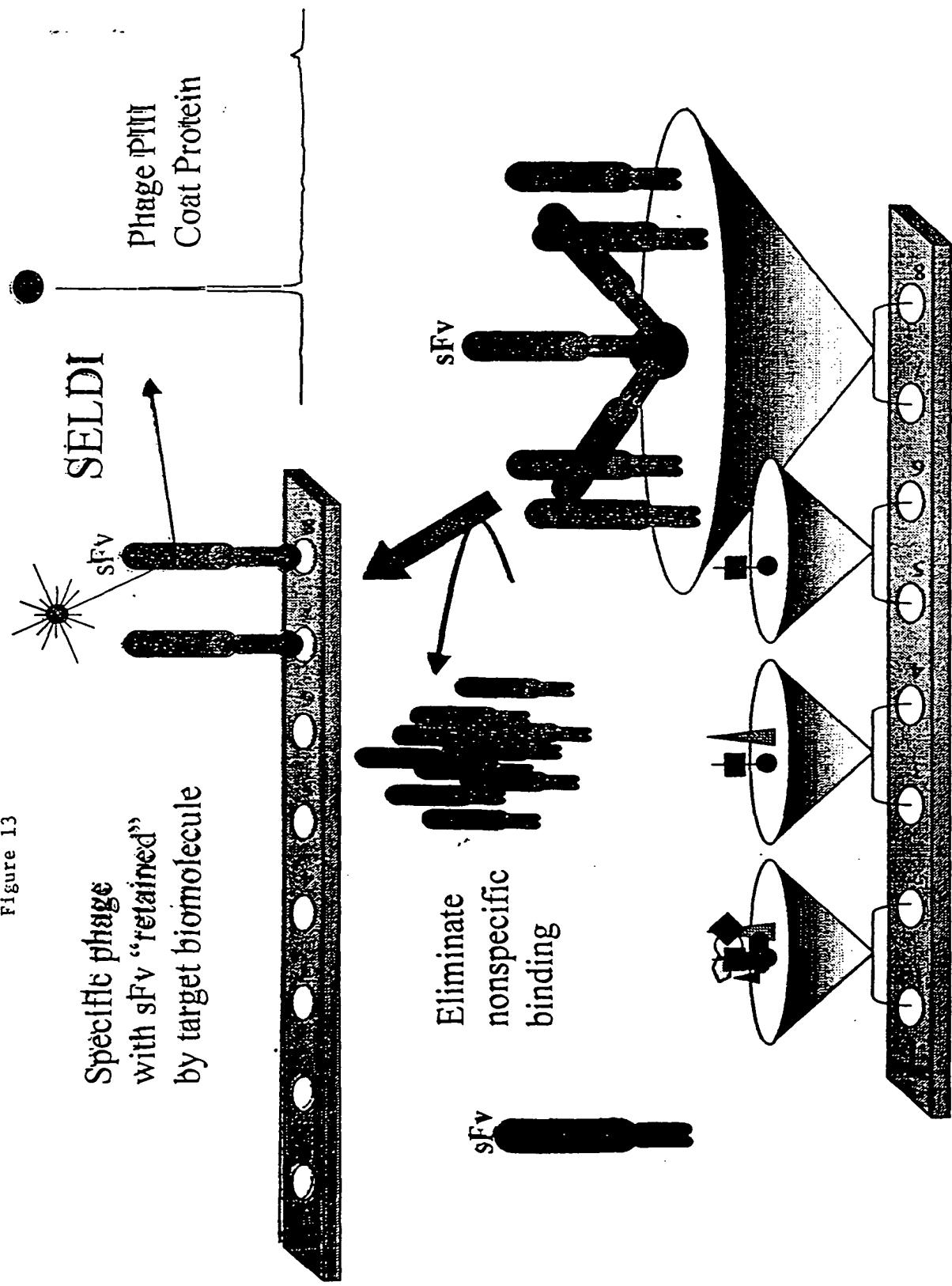
1st dimension: Isoelectric focusing



2nd dimension: SDS PAGE

Figure 13

Specific phage
with sFv "retained"
by target biomolecule

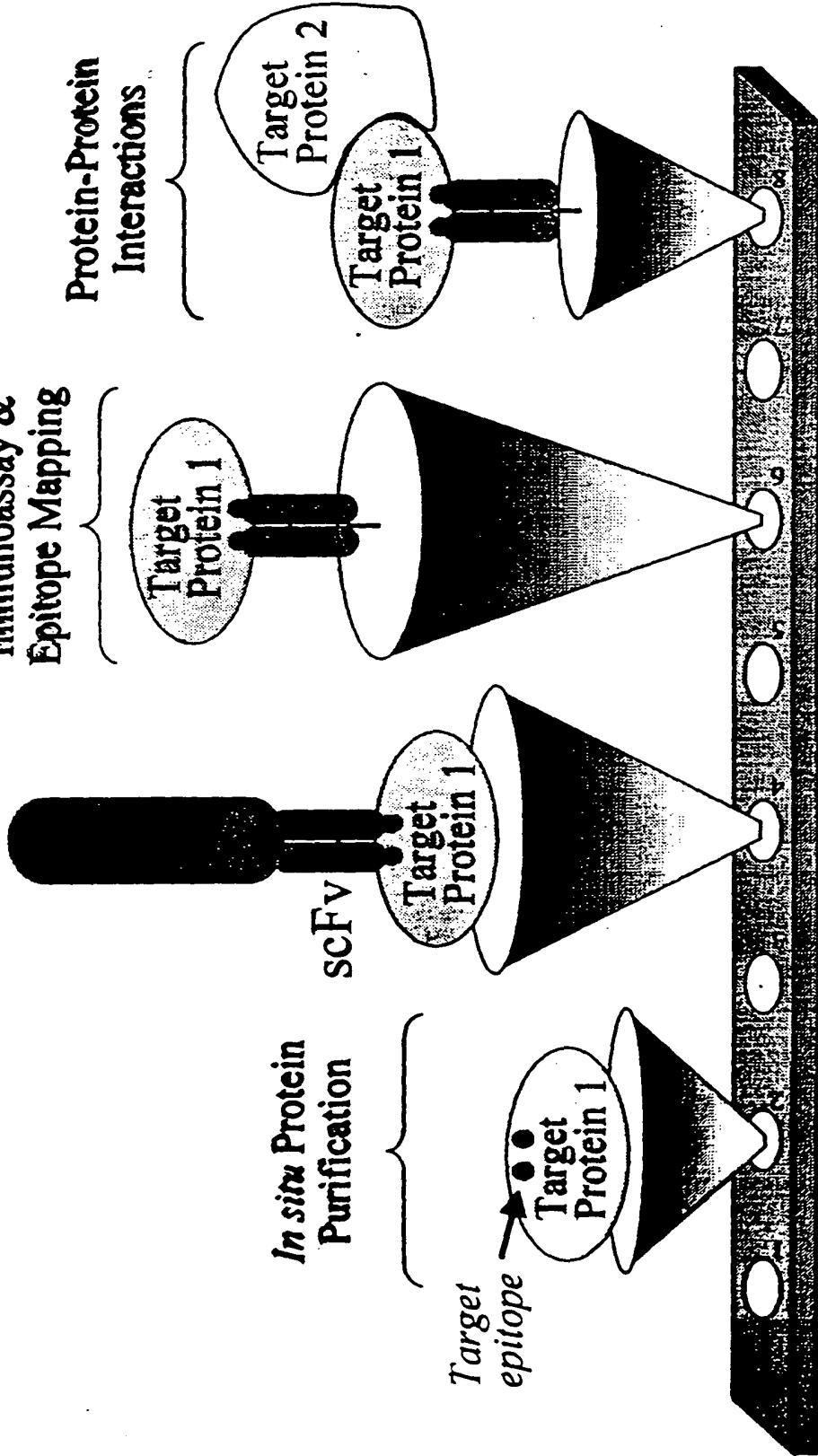


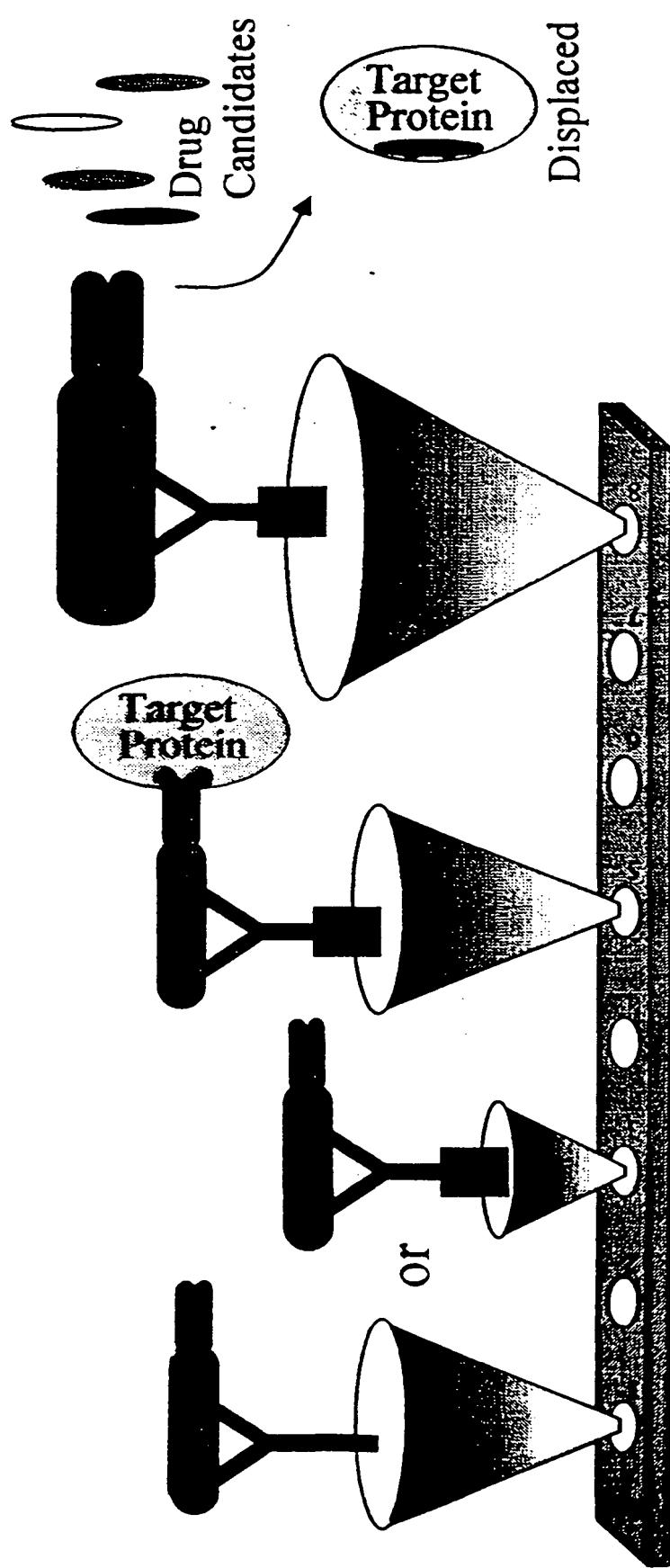
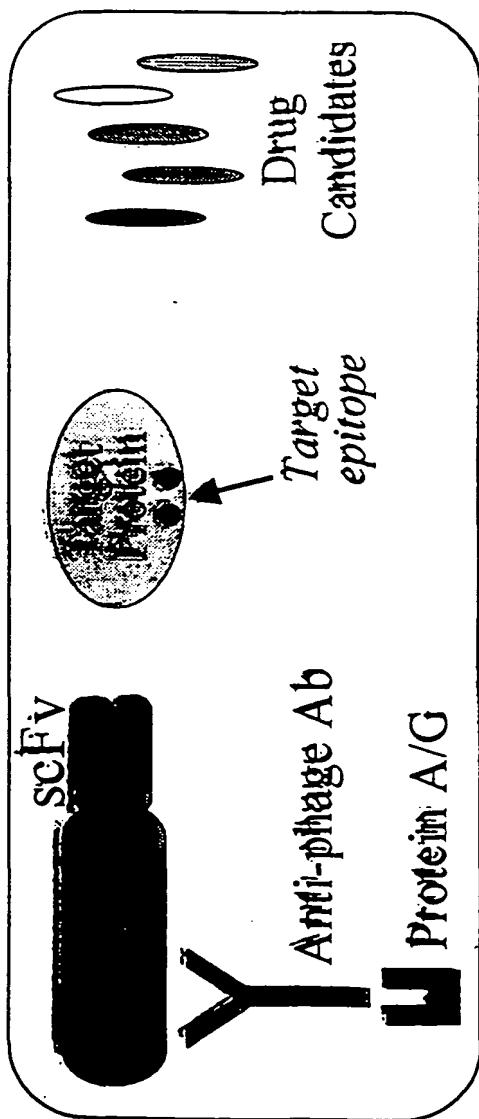
**Phage Display
Library Selection**

FIG. 14

**scFv Array
Immunosassay &
Epitope Mapping**

**Protein-Protein
Interactions**





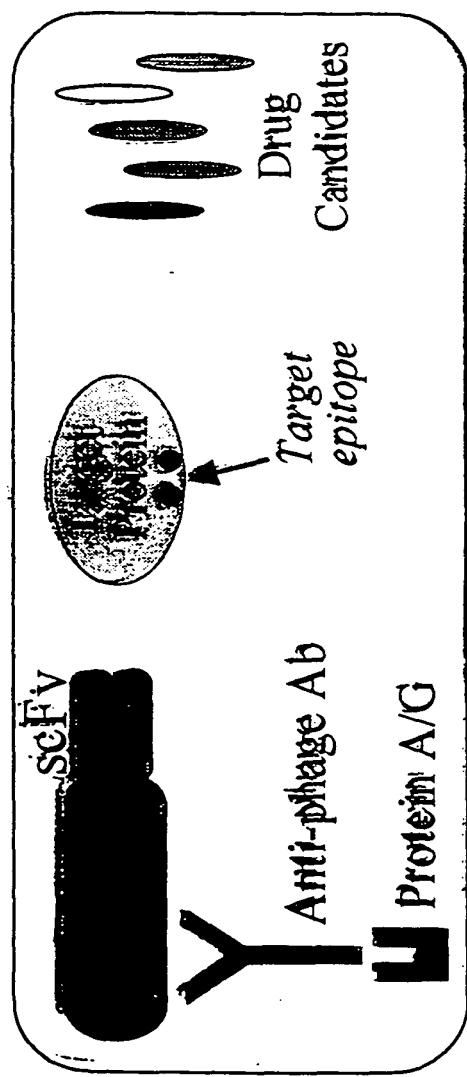


FIG. 16

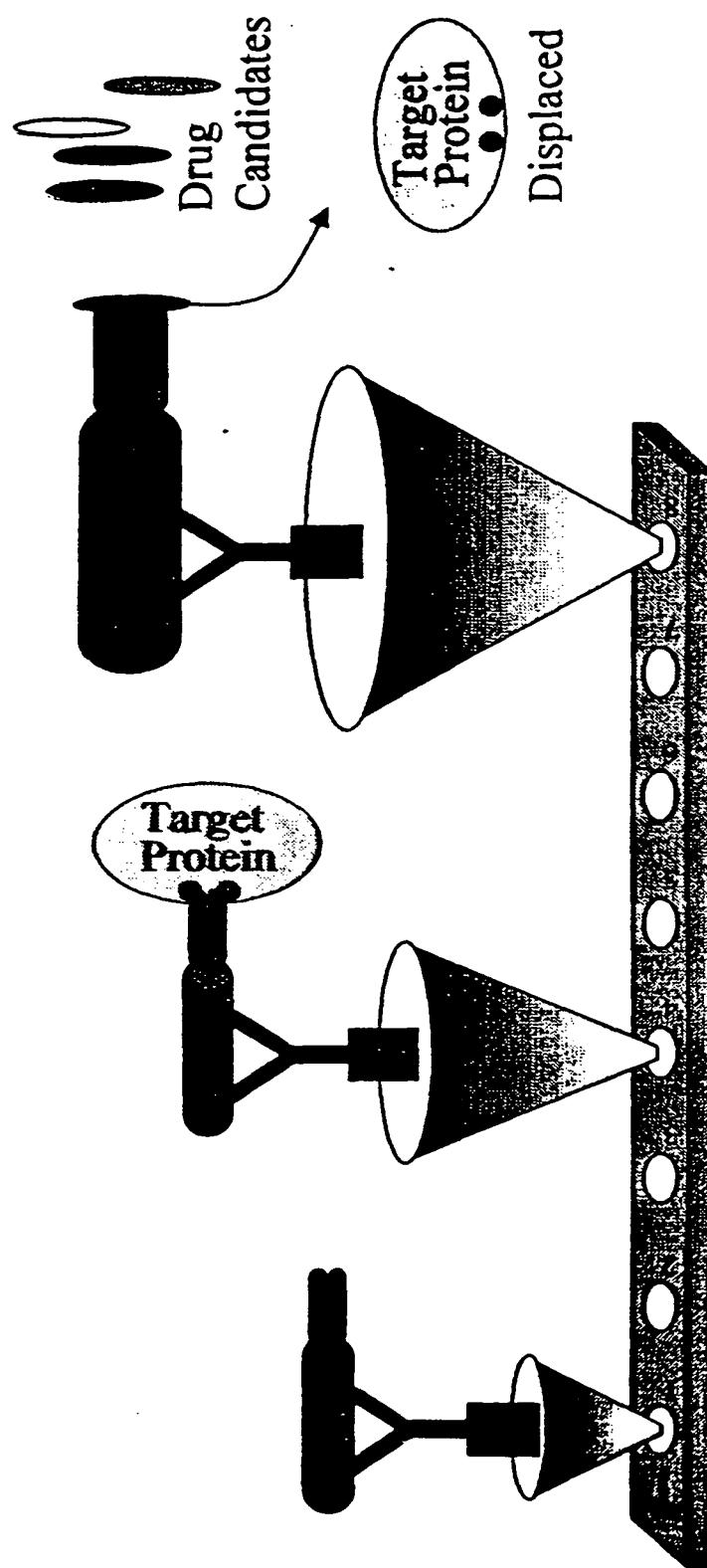


Figure 17

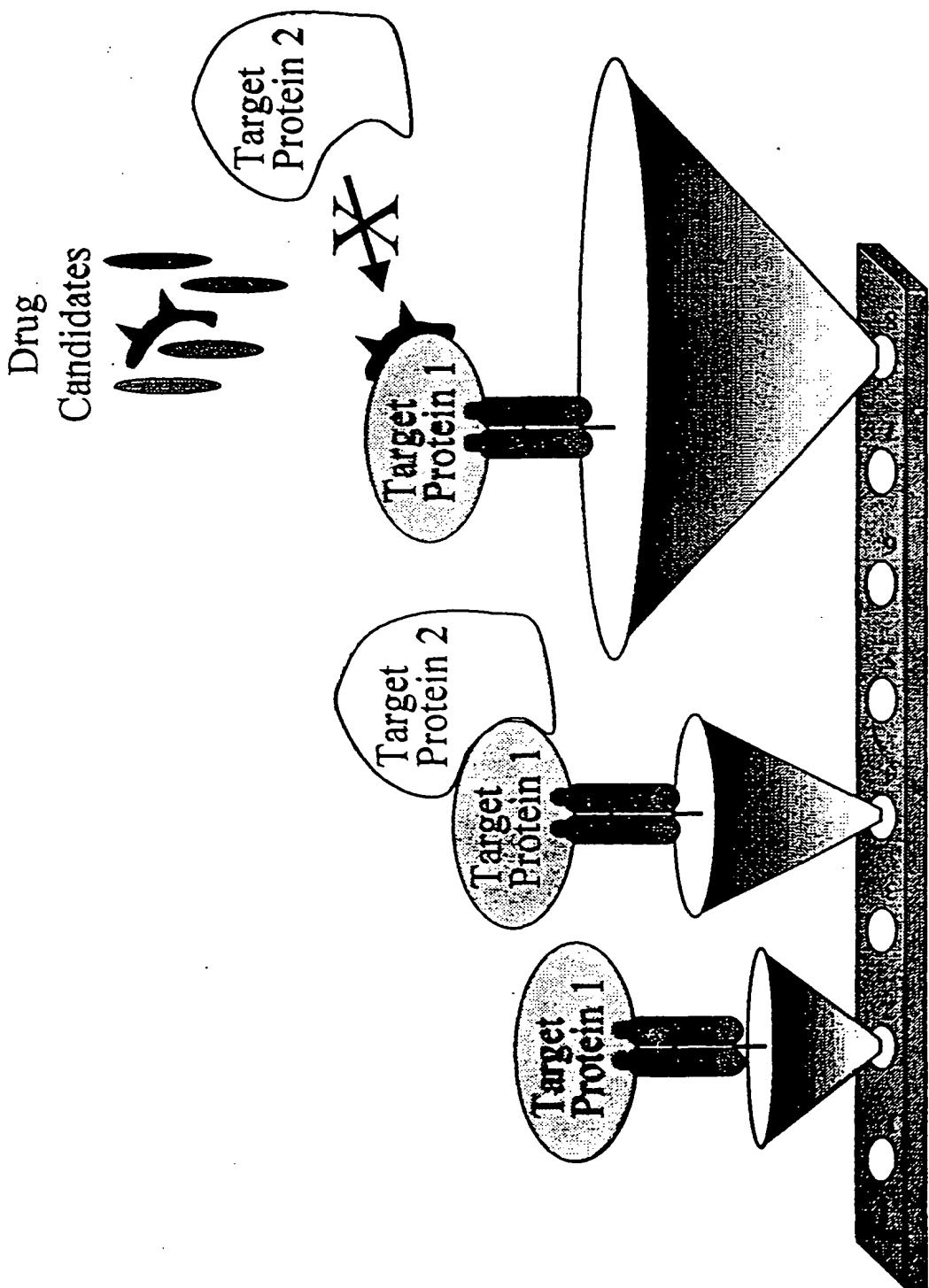


Fig. 18

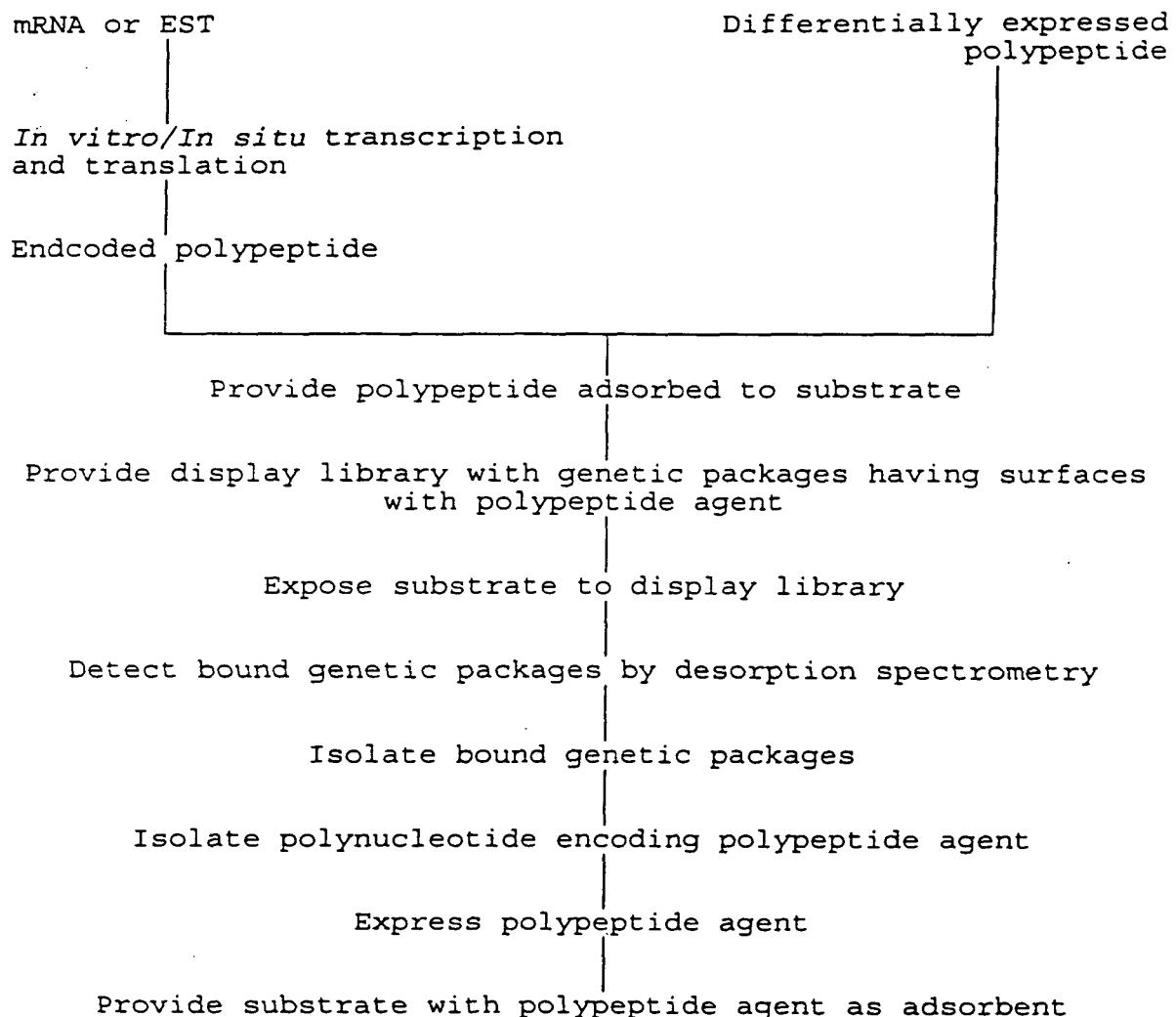


FIG. 19

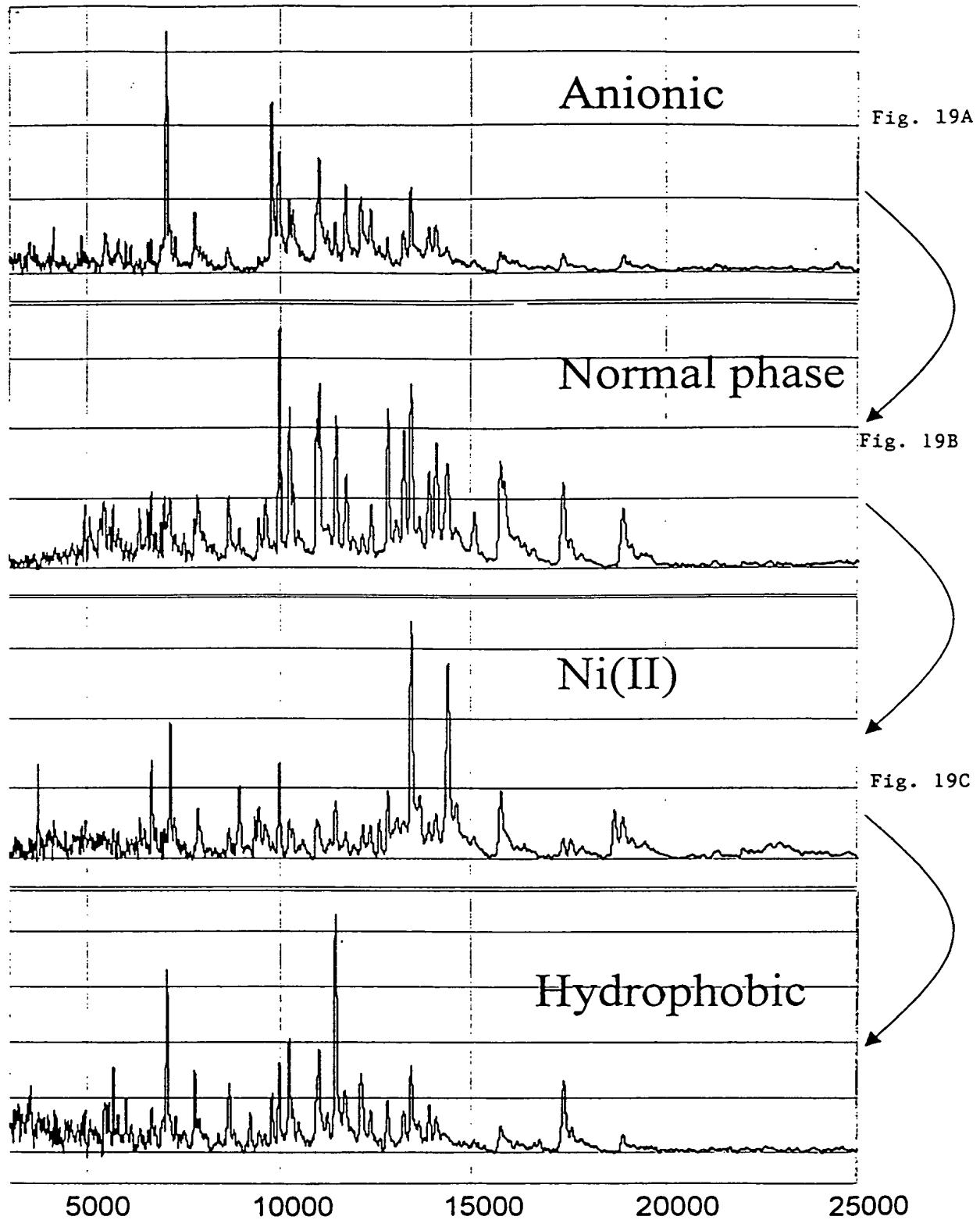


FIG. 20

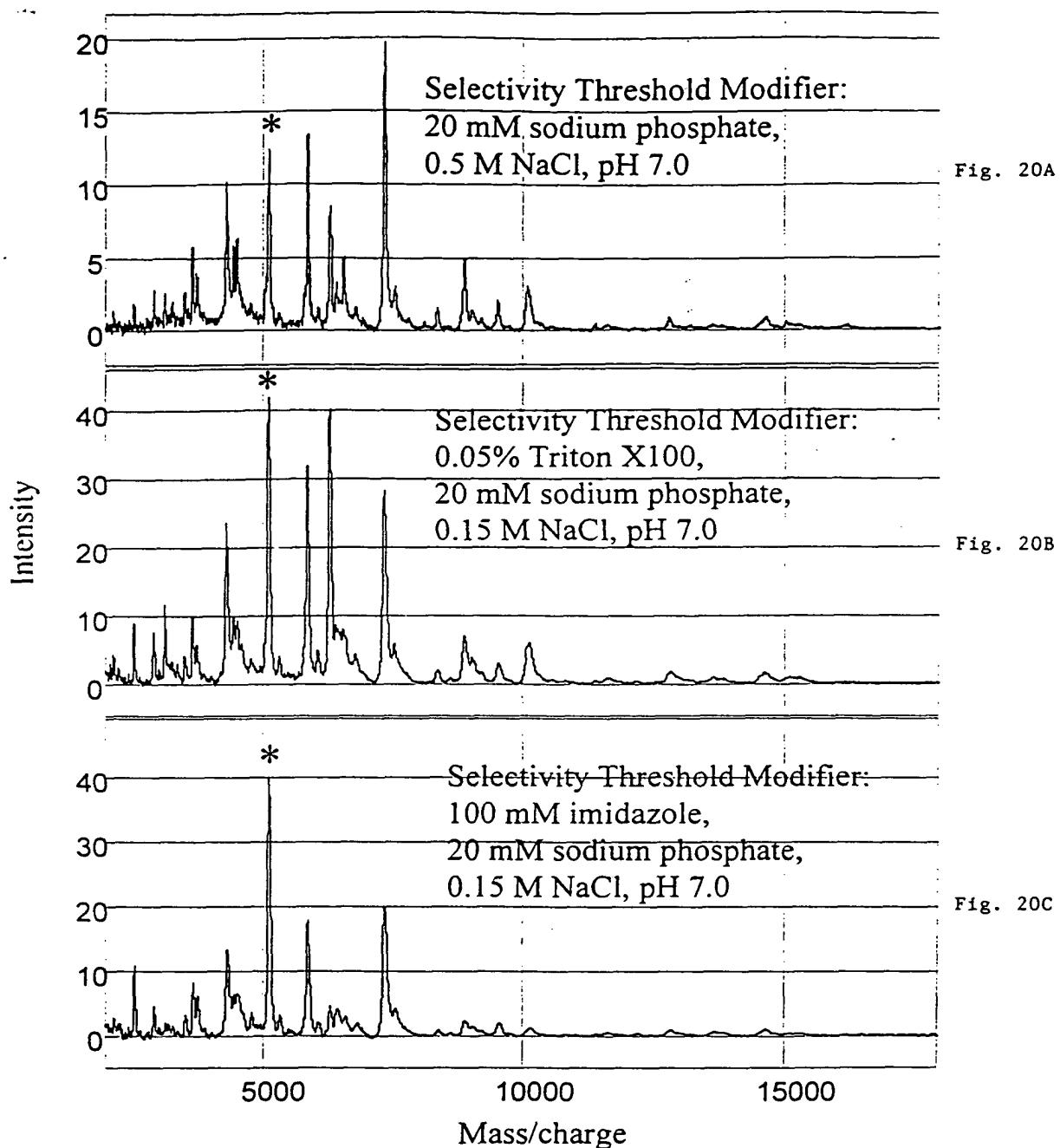


FIG. 21

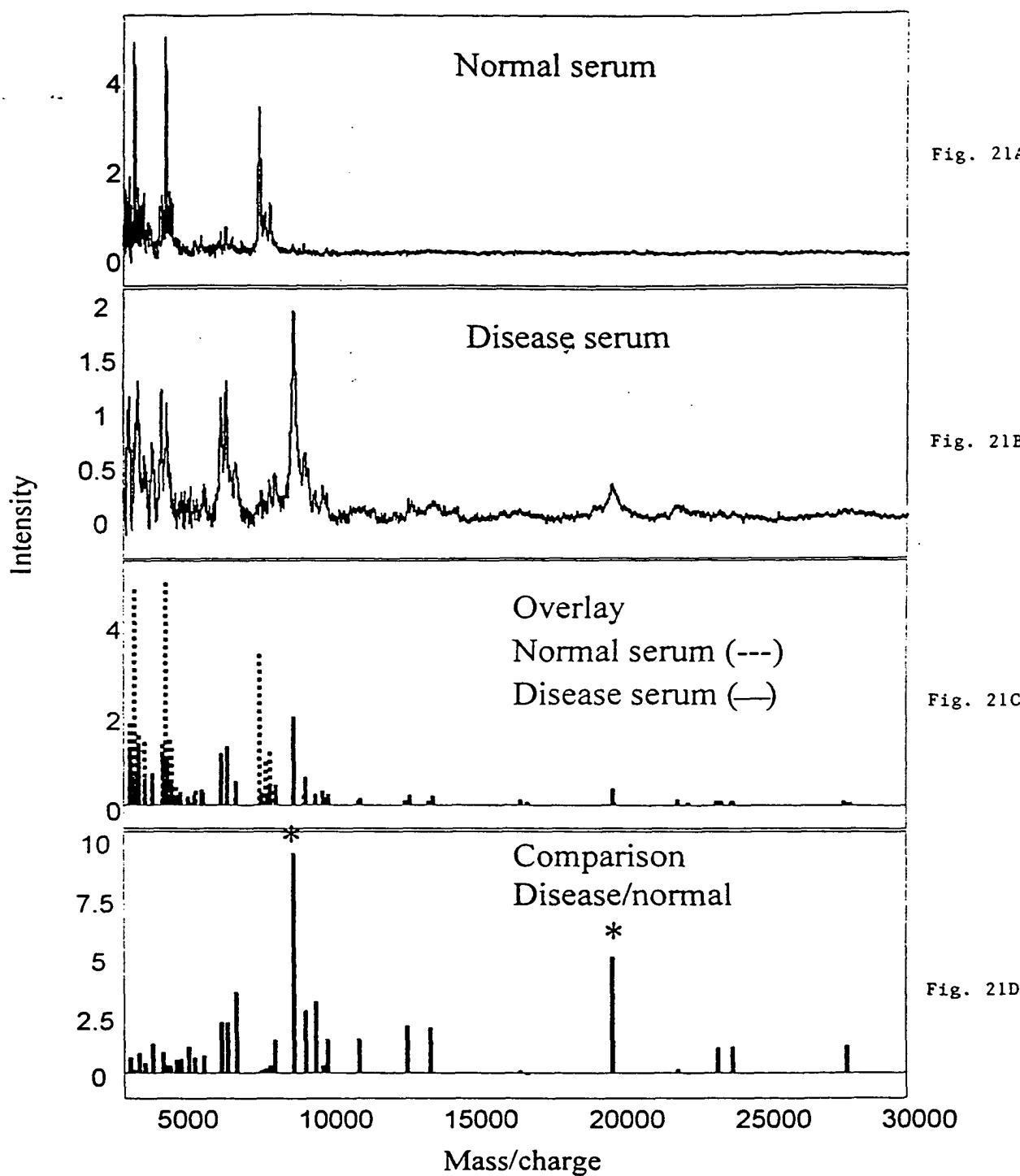
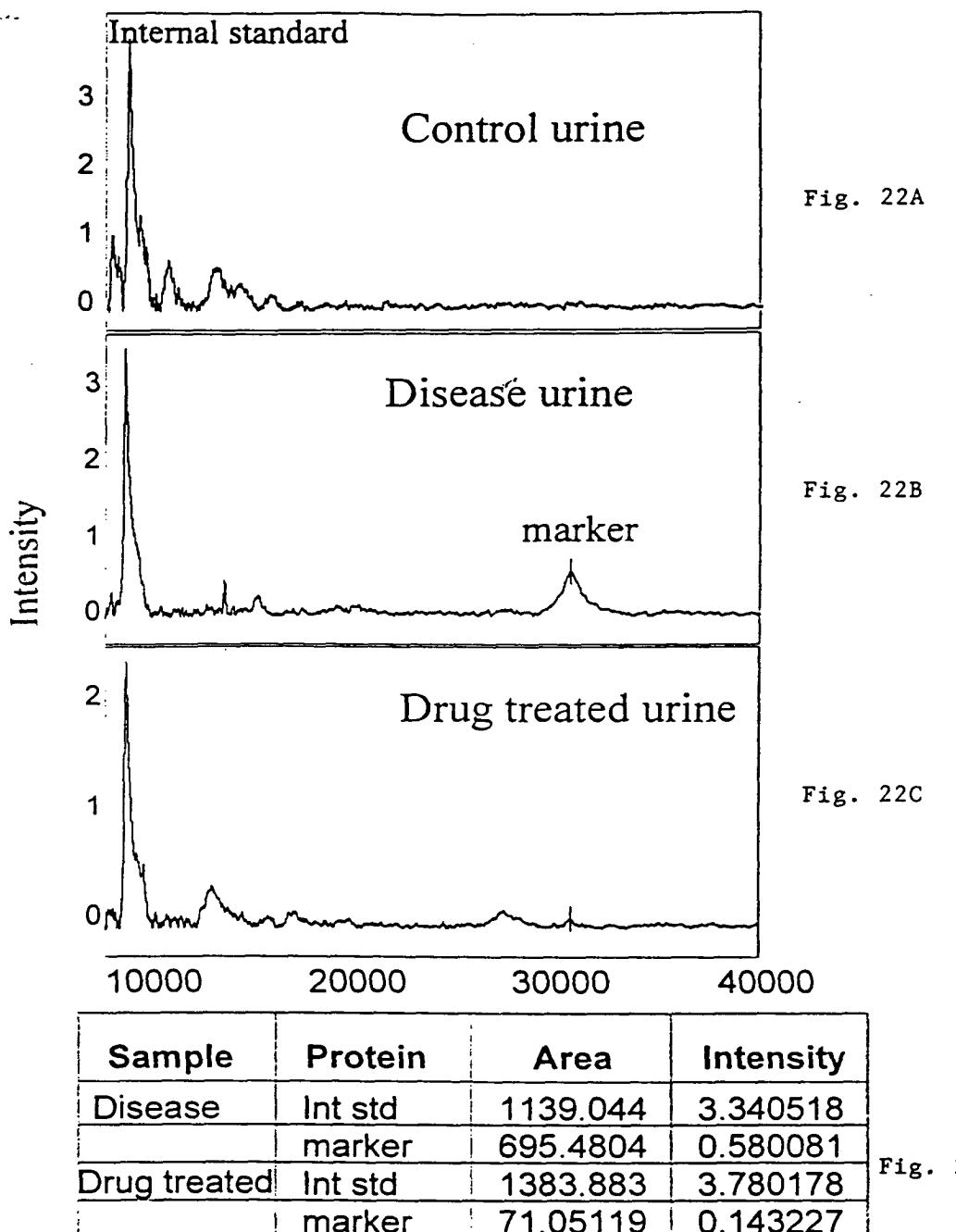


FIG. 22



Normalized marker peak area (marker/internal std):

Control	0.0
Disease	0.61
Drug treated	0.05

FIG. 23

Retentate MapTM of Human Urine SELDI ProteinChipTM Array

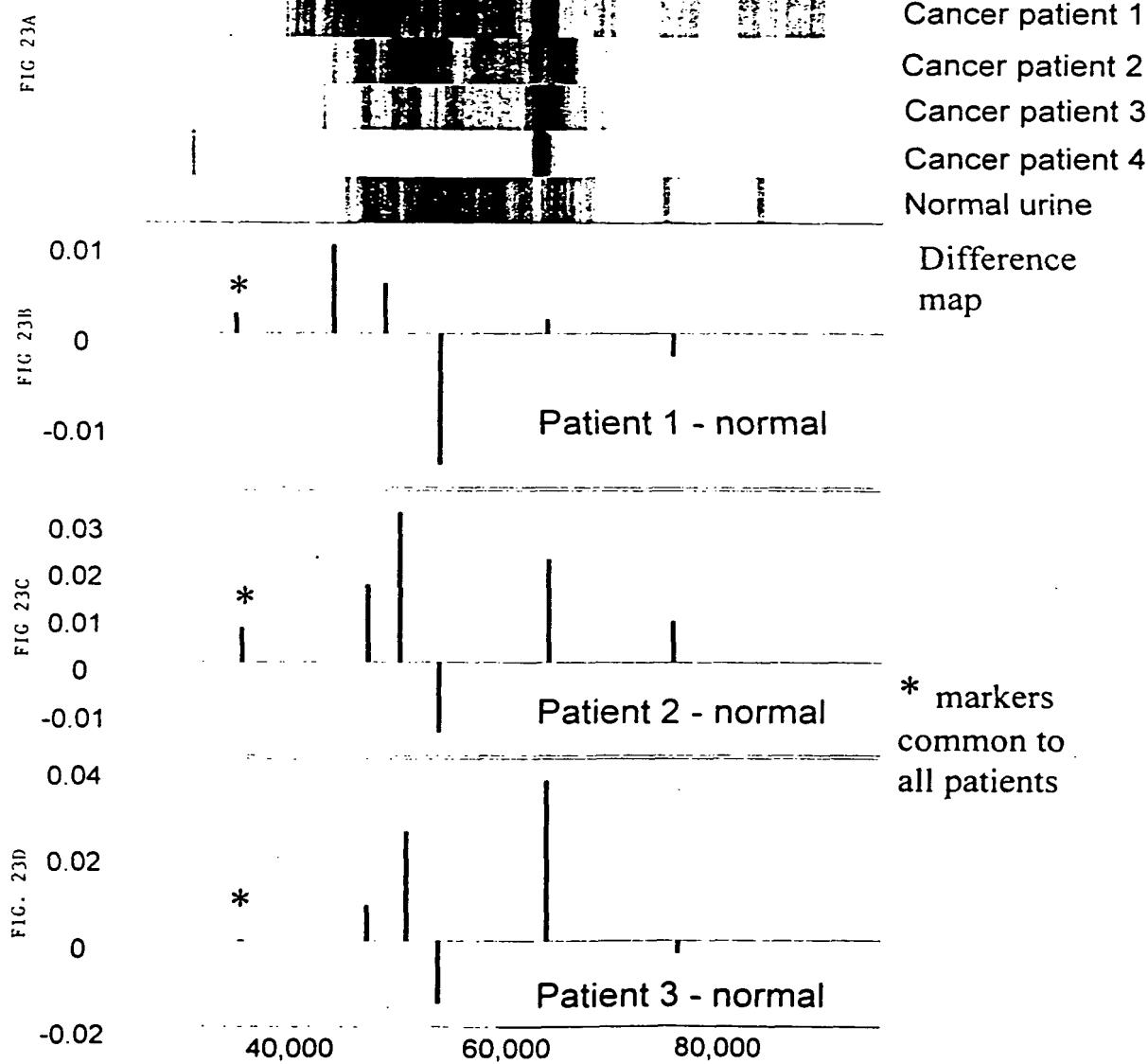


FIG. 24

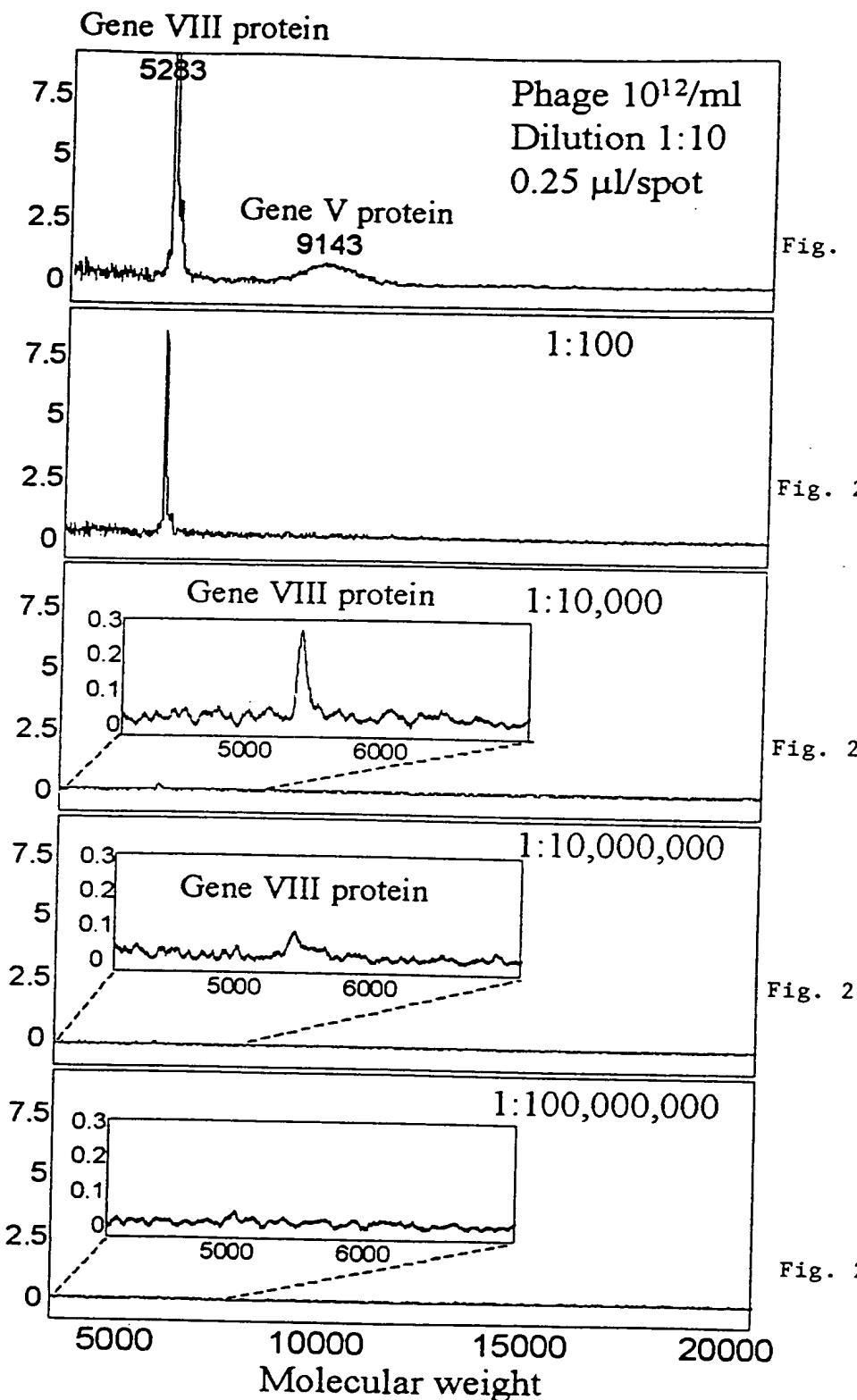


FIG. 25

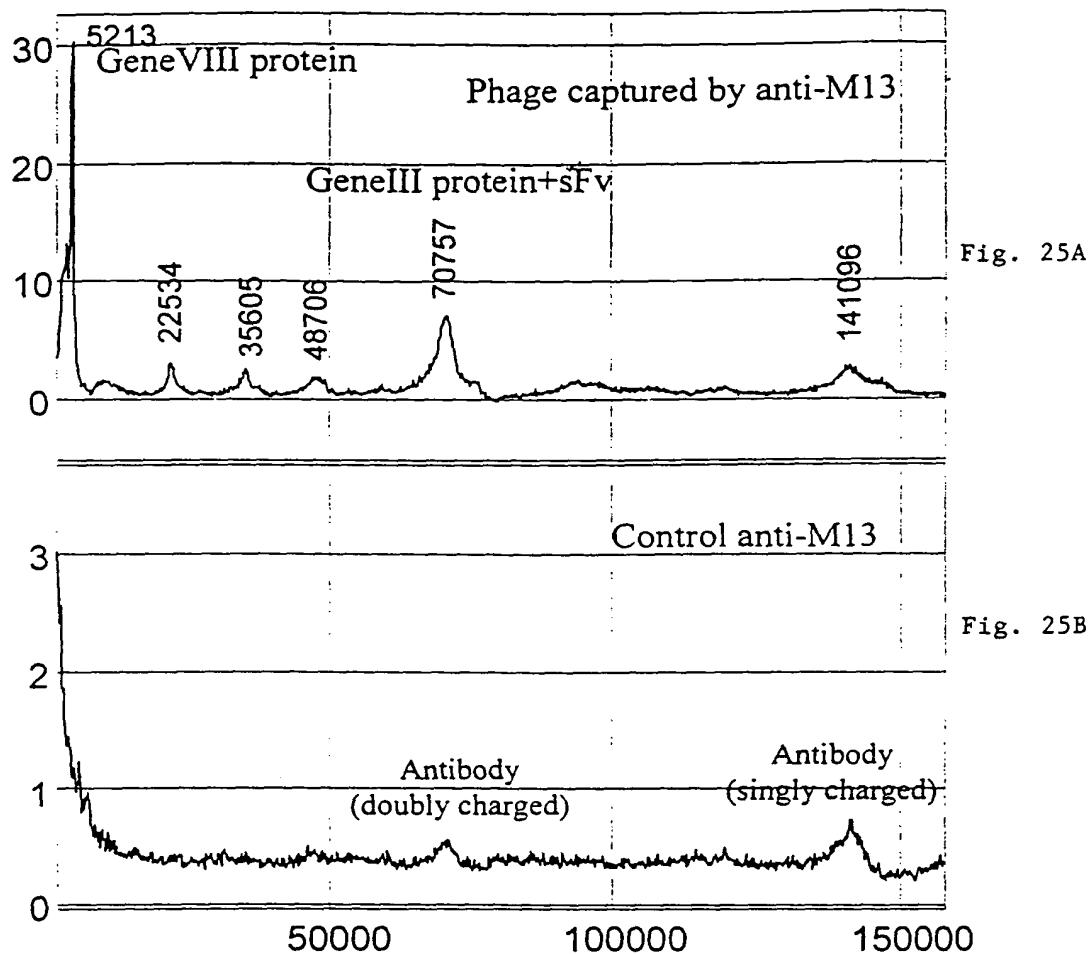


FIG. 26

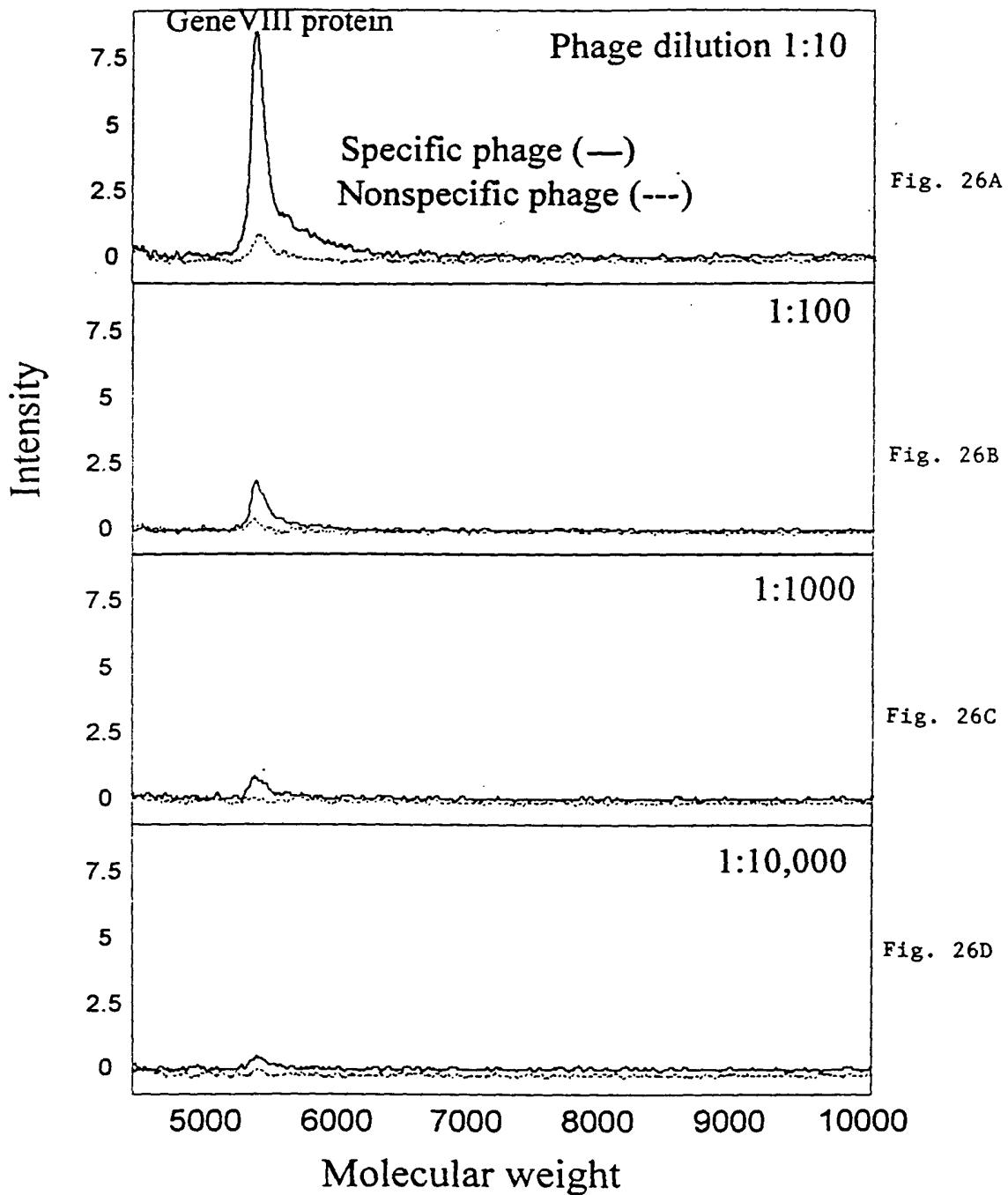


FIG. 27

TGF β (1 μ g/ml 2.5xconditioned medium)

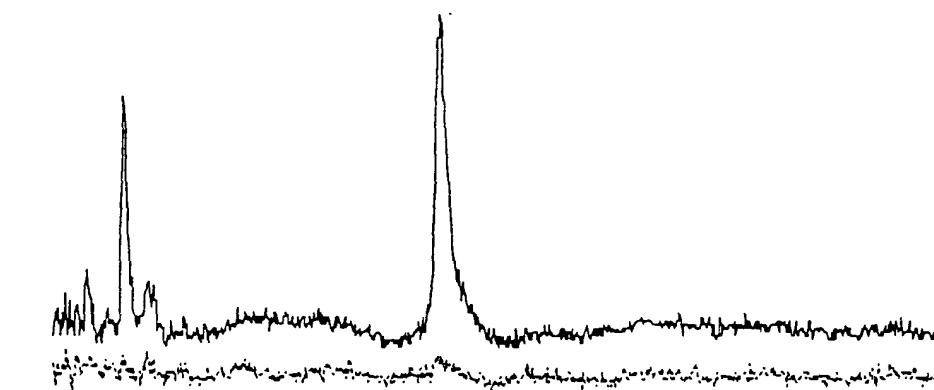


Fig. 27A

10000 20000 30000 40000
Binding in the absence of free receptor (—)
Binding in the presence of excess free receptor (---)

TGF β (100 ng/ml 2.5xconditioned medium)

Fig. 27B

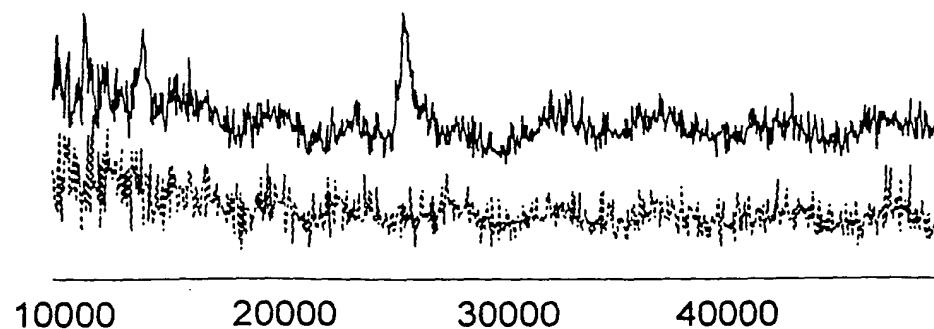


FIG. 28

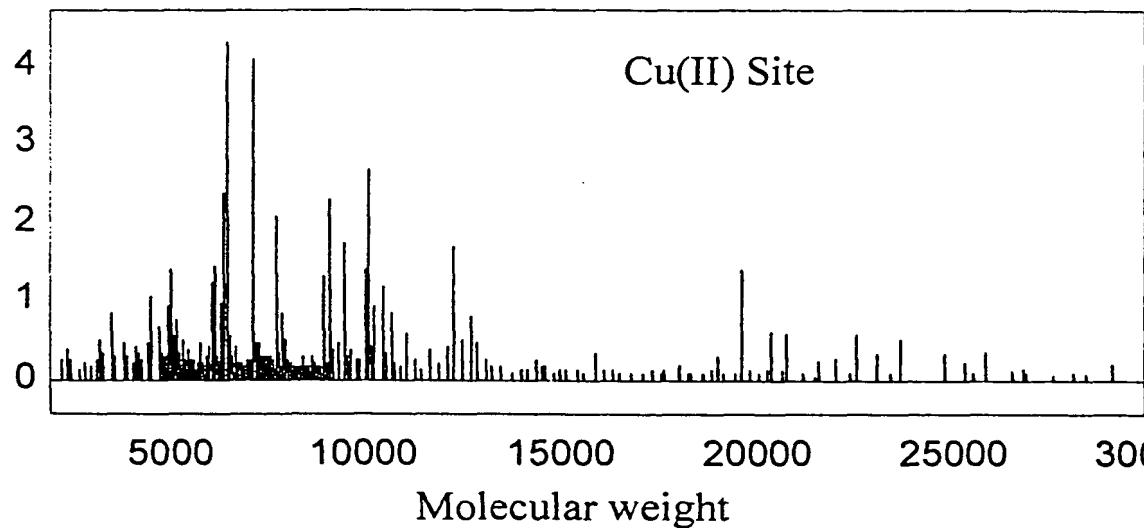
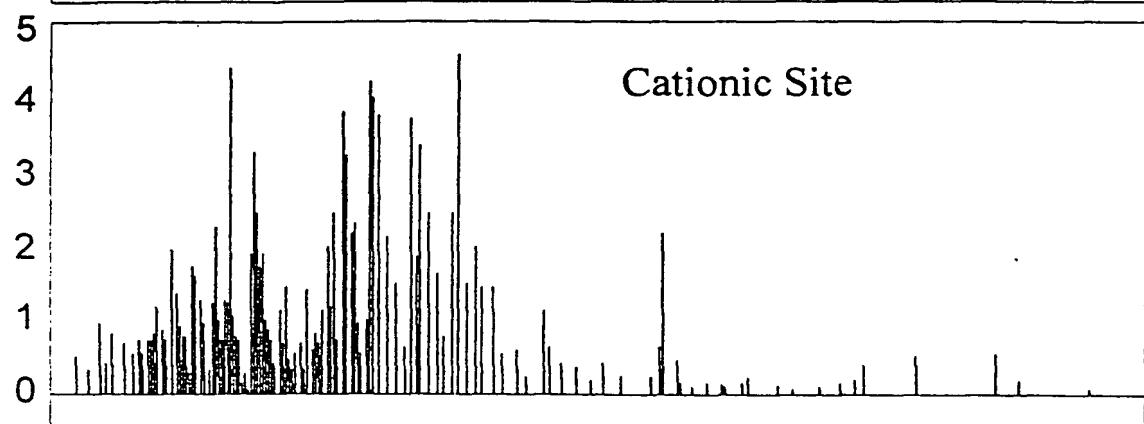
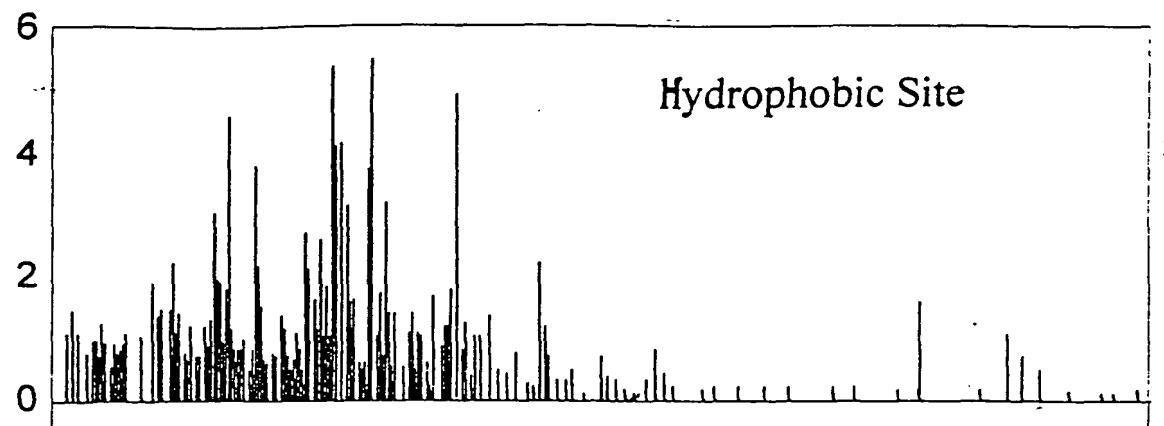


FIG. 29

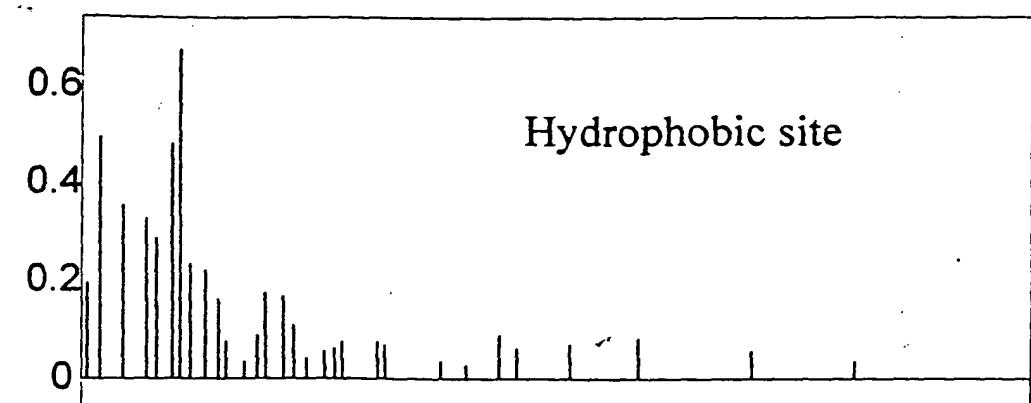


Fig. 29A

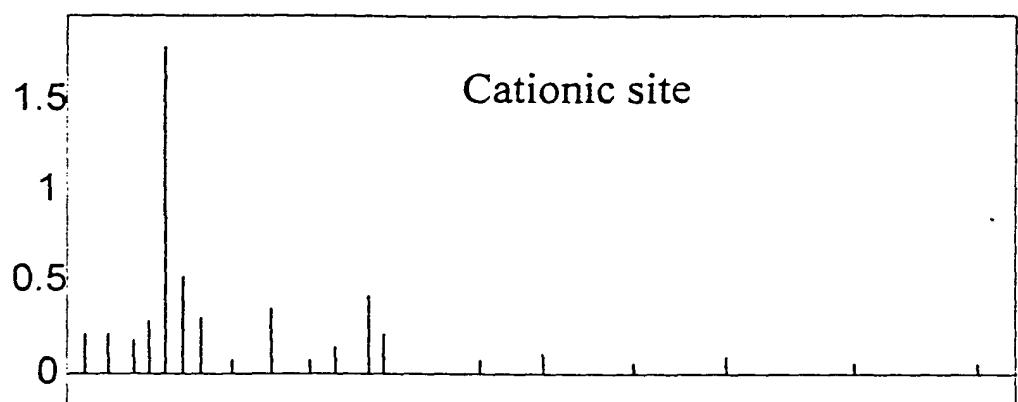


Fig. 29B

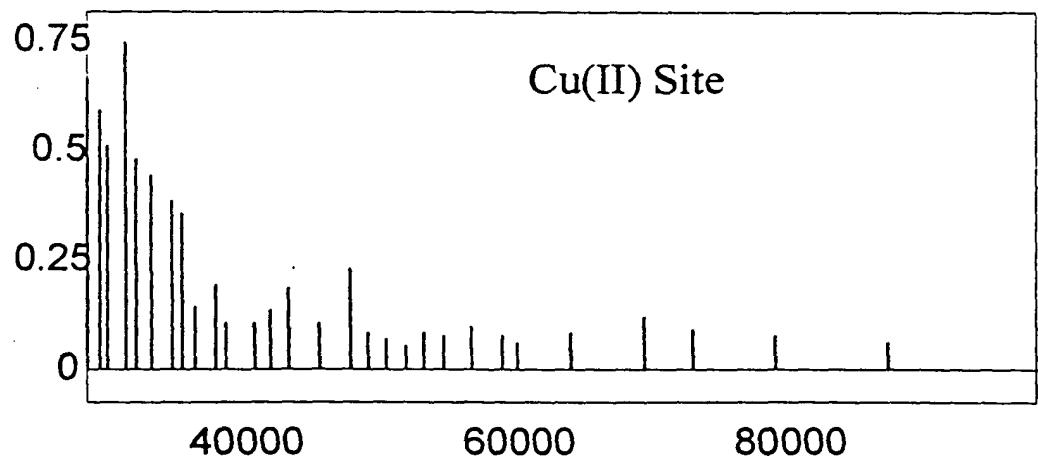


Fig. 29 C

Molecular weight

Figure 30

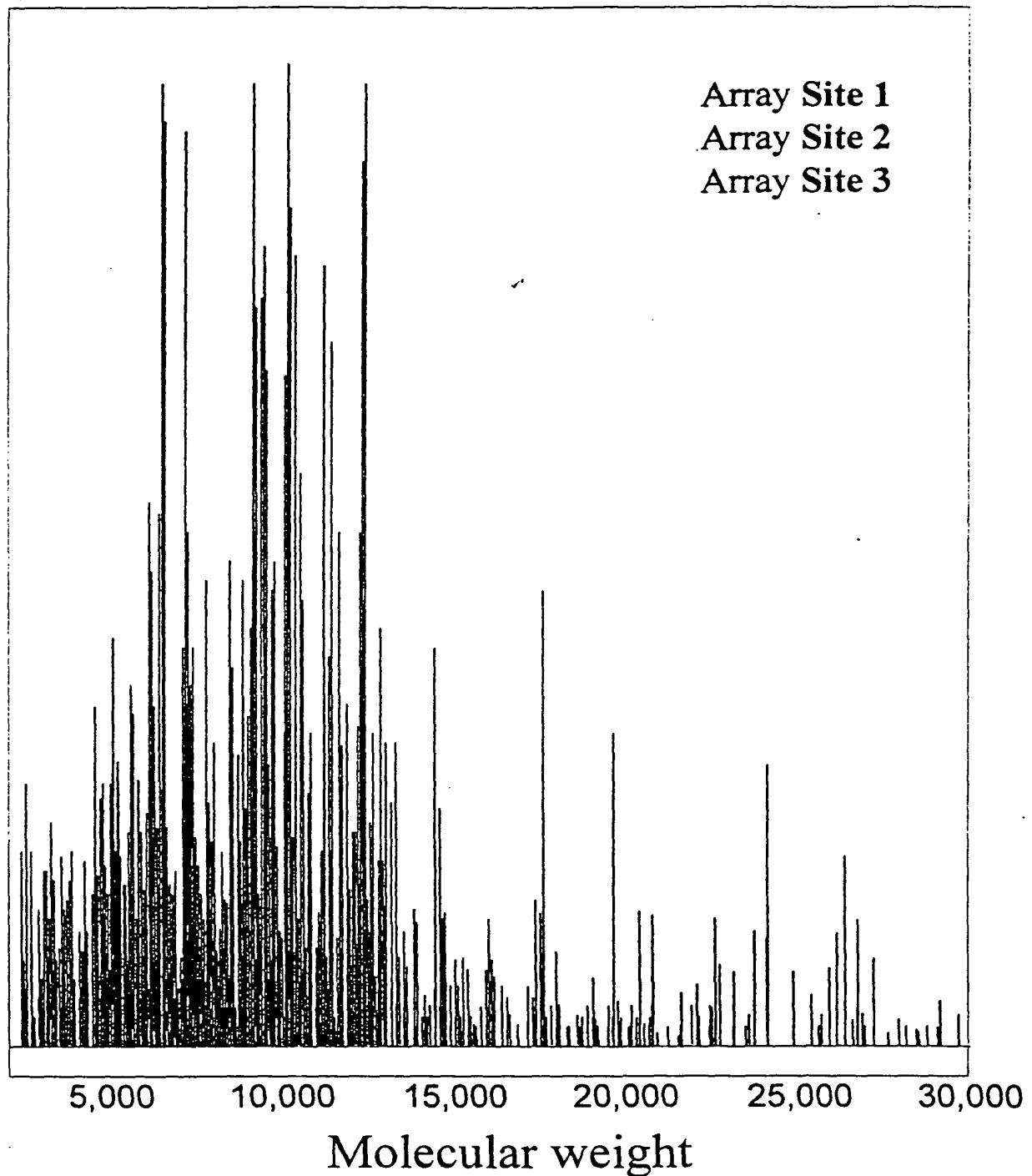


Figure 31

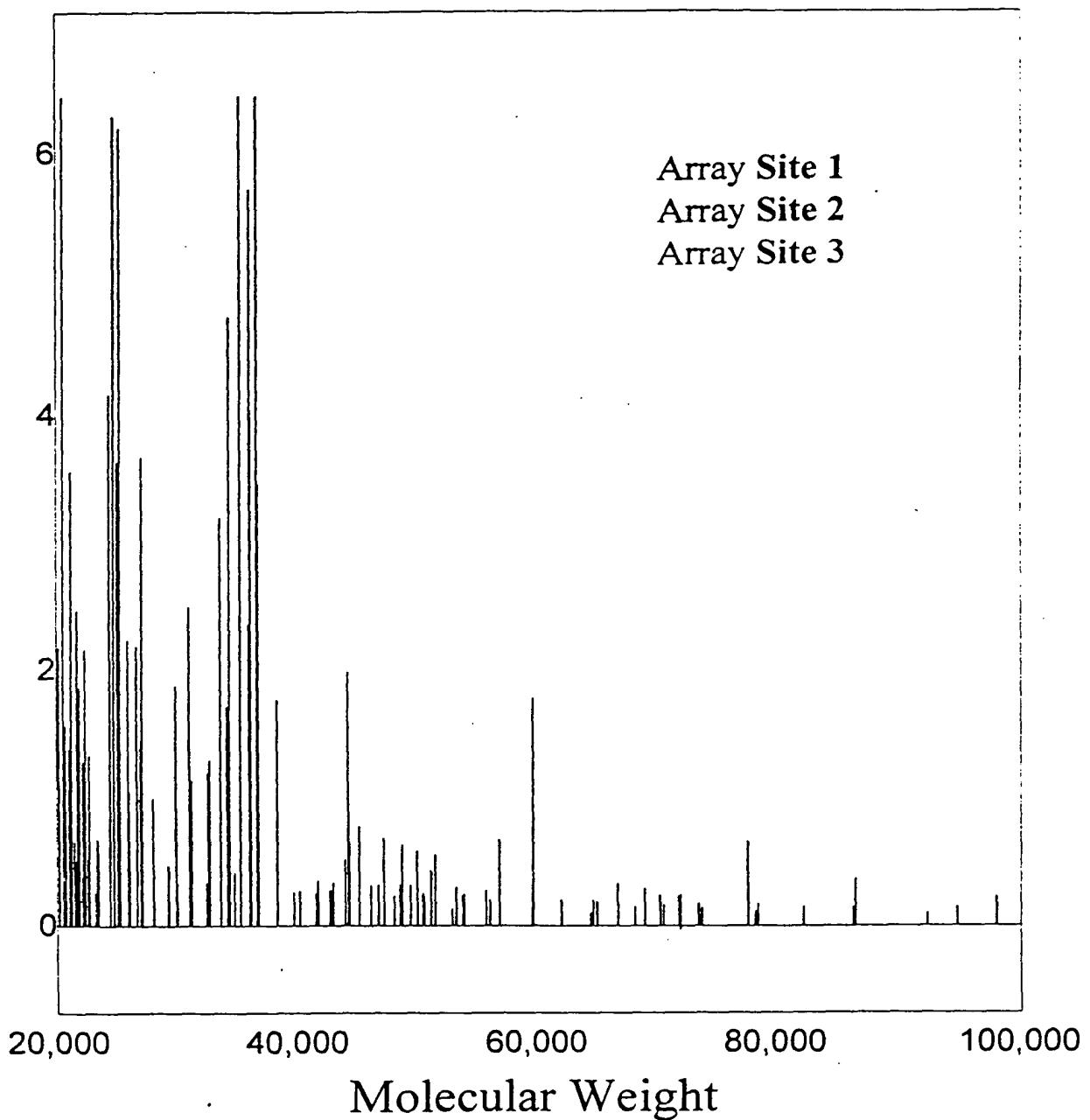


Figure 32

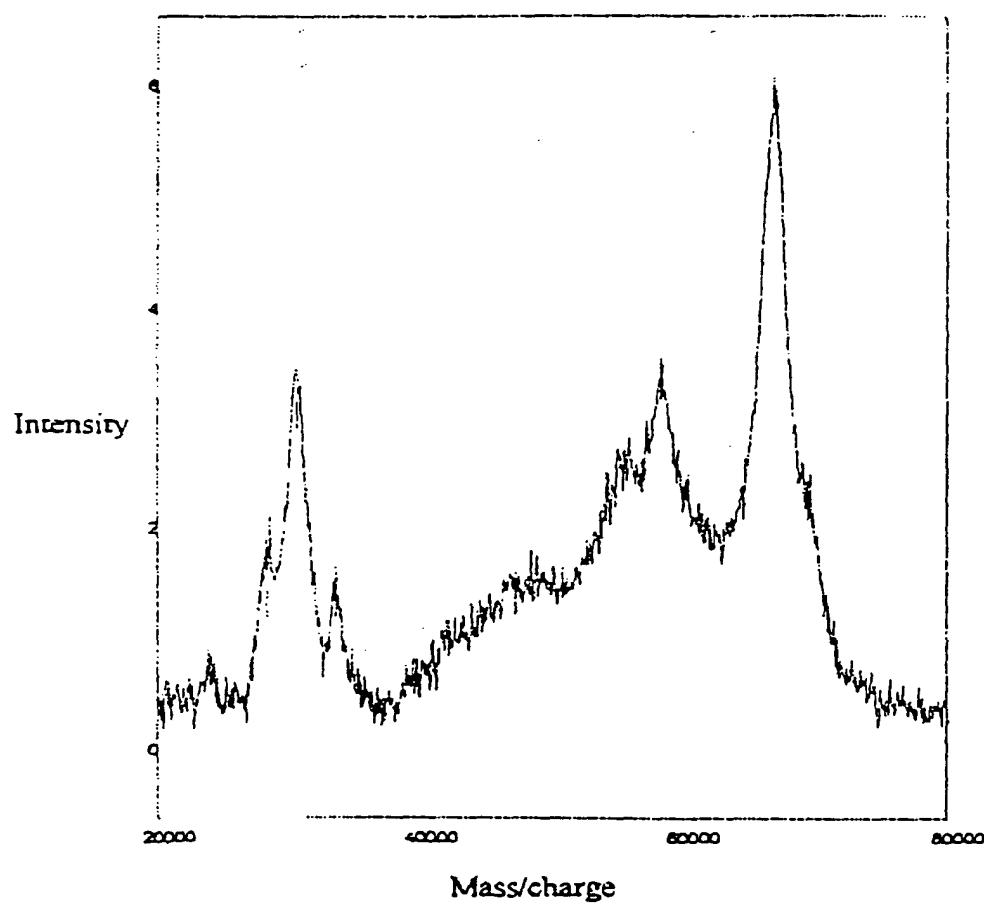


FIG. 33

Fig. 33A

Intensity

Fig. 33B

